

**DOE Laboratory Non peer-reviewed technical reports 2013-2016**

<b>CY</b>	<b>Total</b>
2013	2297
2014	2056
2015	2161
2016*	1860

*\* 2016 to date*

OSTI ID	Title	Author	Product Type	Site	Research Org	Publication Date
1061465	Nanoparticle Technology for Biorefining of Non-Food Source Feedstocks	Pruski, Marek; Trewyn, Brian G.; Lee, Young-Jin; Lin, Victor S.-Y.	TR	AMES	Ames Laboratory (AMES), Ames, IA (United States)	1/22/2013
1059652	Computational mechanics research and support for aerodynamics and hydraulics at TFHRC, year 2 quarter 4 progress report	Lottes, S.A.; Bojanowski, C.; Shen, J.; Xie, Z. (Energy Systems) ; (Turner-Fairbank Highway Research Center)	TR	ANL	Argonne National Laboratory (ANL)	1/2/2013
1059653	Summary report on liquid-liquid contactor scoping experiments and validation test case definition	Wardle, K.E. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/9/2013
1059654	FY12 summary report on liquid-liquid contactor experiments for CFD model validation	Wardle, K.E. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/9/2013
1060155	Review of the Oak Ridge National Laboratory (ORNL) neutronic calculations regarding the conversion of the high flux isotope reactor (HFIR) to the use of	Bergeron, A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/15/2013
1069222	Impact of future climate variability on ERCOT thermoelectric power generation	Yan, Y. E.; Tidwell, V. C.; King, C. W.; Cook, M. A. (Environmental Science Division) ; (SNL) ; (University of	TR	ANL	Argonne National Laboratory (ANL)	2/8/2013
1063096	Used fuel management system architecture evaluation, Fiscal Year 2012	Nutt, M.; Morris, E.; Puig, F.; Carter, J.; Rodwell, P.; Delley, A.; Howard, R.; Giuliano, D. (Nuclear Engineering	TR	ANL	Argonne National Laboratory (ANL)	2/11/2013
1063095	MOCFE-Bone: the 3D MOC mini-application for exascale research	Wolters, E.; Smith, M. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	2/13/2013
1064609	Verification test suite for systems analysis tools	Sumner, T.; Hu, R.; Fanning, T. H. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	2/21/2013
1068664	Water resource assessment of geothermal resources and water use in geopressed geothermal systems.	Clark, C.E.; Harto, C.B.; Troppe, W.A. (Environmental Science Division)	TR	ANL	Argonne National Laboratory (ANL)	3/11/2013
1083427	NEAMS Update. Quarterly Report for October - December 2012	Bradley, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	3/12/2013
1086456	Used Fuel Disposition Campaign Phase I Ring Compression Testing of High-Burnup Cladding	Billone, M.C.; Burtseva, T.A.; Dobrzynski, J.P.; McGann, D.P.; Bryne, K.; Han, Z.; Liu, Y.Y. (Decision and	TR	ANL	Argonne National Laboratory (ANL)	3/20/2013
1072000	Conceptual designs parameters for MURR LEU U-Mo fuel conversion design demonstration experiment. Revision 1	Stillman, J.; Feldman, E.; Foyto, L.; Kutikkad, K.; McKibben, J.C.; Peters, N.; Stevens, J. (Nuclear	TR	ANL	Argonne National Laboratory (ANL)	3/26/2013
1072011	Irradiation experiment conceptual design parameters for MURR LEU U-Mo fuel conversion	Stillman, J.; Feldman, E.; Stevens, J.; Wilson, E.; Foyto, L.; Kutikkad, K.; McKibben, J.C.; Peters, N. (Nuclear	TR	ANL	Argonne National Laboratory (ANL)	3/26/2013
1086457	Argonne National Laboratory Annual Report of Laboratory Directed Research and Development Program Activities FY 2012	Various (Office of The Director)	TR	ANL	Argonne National Laboratory (ANL)	3/31/2013
1078029	Addressing Failures in Exascale Computing	Snir, M.; Wisniewski, R. W.; Abraham, J. A.; Adve, S. V.; Bagchi, S.; Balaji, P.; Belak, J.; Bose, P.; Cappello, F.;	TR	ANL	Argonne National Laboratory (ANL)	4/24/2013
1089631	Light-Duty Vehicle Fuel Consumption Displacement Potential up to 2045	Moawad, A.; Sharer, P.; Rousseau, A. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	4/30/2013
1086940	Report on Assessment of Environmentally Assisted Fatigue for LWR Extended Service Conditions	Mohanty, S.; Soppet, W.K.; Majumdar, S.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	5/1/2013
1079136	Pseudo-transient demonstration with PROTEUS-SN	Wolters, E.; Smith, M.A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	5/3/2013
1079137	Strategy for Multi-Scale Single-Phase Flow Coupling	Hu, R.; Thomas, J. W.; Fanning, T. H. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	5/3/2013
1079767	Cosmic Structure Probes of the Dark Universe (Porting and Tuning HACC on Mira): ALCF-2 Early Science Program Technical Report	Finkel, H.J. (LCF)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079768	Petascale, Adaptive CFD (ALCF ESP Technical Report): ALCF-2 Early Science Program Technical Report	Jansen, K.E.; Rasquin, M. (LCF) ; (University of Colorado Boulder)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079770	Ab-initio Reaction Calculations for Carbon-12 (ESP Technical Report): ALCF-2 Early Science Program Technical Report	Lovato, A.; Pieper, S.C. (LCF) ; (PHY)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079771	NAMD - The Engine for Large-Scale Classical MD Simulations of Biomolecular Systems Based on a Polarizable Force Field: ALCF-2 Early Science Program	Roux, B.; Luo, Y.; Jiang, W. (LCF) ; (University of Chicago)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079773	Multiscale Molecular Simulations at the Petascale (Parallelization of Reactive Force Field Model for Blue Gene/Q): ALCF-2 Early Science Program Technical	Lange, A.W.; Nelson, G.; Knight, C.; Voth, G.A. (CLS-CI) ; (LCF) ; (University of Chicago)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079774	High Accuracy Predictions of the Bulk Properties of Water (ESP Technical Report: February, 2013): ALCF-2 Early Science Program Technical Report	Mayer, M.L.; Fletcher, G.D.; Alexeev, Y. (LCF)	TR	ANL	Argonne National Laboratory (ANL)	5/13/2013
1079765	Materials Design and Discovery: Catalysis and Energy Storage (Mira Early Science Program Final Technical Report): ALCF-2 Early Science Program	Benali, A.; Romero, N.A. (LCF)	TR	ANL	Argonne National Laboratory (ANL)	5/14/2013
1079766	Direct Numerical Simulation of Autoignition in a Jet in a Cross-Flow Configuration: ALCF-2 Early Science Program Technical Report	Abdilhanie, A.; Frouzakis, C.E.; Fischer, P.F. (LCF) ; (MCS) ; (ETH Zurich)	TR	ANL	Argonne National Laboratory (ANL)	5/14/2013
1079769	Lattice Quantum Chromodynamics (SPL, mapping, site ordering, and QPX in Lattice QCD code on Mira): ALCF-2 Early Science Program Technical Report	Na, H. (LCF); Osborn, J. [LCF]	TR	ANL	Argonne National Laboratory (ANL)	5/14/2013
1079772	Global Simulation of Plasma Microturbulence at the Petascale & Beyond (Optimizing the GTC Code for Blue Gene/Q): ALCF-2 Early Science Program	Tang, W.M.; Ethier, S.; Wang, B.; Williams, T.J.; Ibrahim, K.Z.; Madduri, K.; Williams, S.W.; Oliker, L. (LCF) ;	TR	ANL	Argonne National Laboratory (ANL)	5/14/2013
1086941	ALCF I/O Data Repository	Carns, P.H. (LCF)	TR	ANL	Argonne National Laboratory (ANL)	5/21/2013
1111295	Wind Tunnel Model of the Turner-Fairbank Highway Research Center Aerodynamics Laboratory	Lottes, S.A.; Bojanowski, C. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	6/5/2013
1084189	Crack Growth Rate and Fracture Toughness Tests on Irradiated Cast Stainless Steels	Chen, Y.; Alexandreanu, B.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	6/6/2013
1093526	NEAMS: The Nuclear Energy Advanced Modeling and Simulation Program	Bradley, K. [Nuclear Engineering Division]	TR	ANL	Argonne National Laboratory (ANL)	6/17/2013
1084184	Financial Analysis of Experimental Releases Conducted at Glen Canyon Dam during Water Year 2012	Poch, L.A.; Graziano, D.J.; Veselka, T.D.; Palmer, C.S.; Loftin, S.; Osiek, B. (Decision and Information Sciences) ;	TR	ANL	Argonne National Laboratory (ANL)	6/18/2013
1084185	Computational Mechanics Research and Support for Aerodynamics and Hydraulics at TFHRC, Year 3 Quarter 1 Progress Report	Lottes, S.A.; Bojanowski, C. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	6/19/2013
1084186	Economic Impact of Fuel Cell Deployment in Forklifts and for Backup Power under the American Recovery and Reinvestment Act	Mintz, M.; Mertes, C.; Stewart, E. (Energy Systems) ; (RCF Economic & Financial Consulting, Inc.)	TR	ANL	Argonne National Laboratory (ANL)	6/19/2013
1093524	Report on the AMF2 RPH Stabilization Platform: Design and Evaluation	Coulter, R.L.; Martin, T.J. (Environmental Science Division)	TR	ANL	Argonne National Laboratory (ANL)	6/22/2013
1087825	Irradiation Experiment Conceptual Design Parameters for MURR LEU U-Mo Fuel Conversion Revision	Stillman, J.; Feldman, E.; Stevens, J.; Wilson, E.; Foyto, L.; Kutikkad, K.; McKibben, J.C. (Nuclear Engineering	TR	ANL	Argonne National Laboratory (ANL)	6/28/2013
1087291	A Description of the Mechanistic Dart - Thermal Dispersion Fuel Performance Code and Application to Irradiation Behavior Analysis of U-Mo/Al	Ye, B.; Rest, J.; Kim, Y.S. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/2/2013
1087293	Fuel Plate Deformation Resulting from Fuel Swelling and Aluminum Cladding Constraint. GTRI - Reactor Conversion Program. WBS 21.2.96.2.7 - Out-of-Pile	Kim, Y.S.; Hofman, G. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/8/2013
1087294	Preliminary Accident Analyses for Conversion of the University of Missouri Research Reactor (MURR) from Highly-Enriched to Low-Enriched Uranium	Feldman, E.E.; Foyto, L.P.; Kutikkad, K.; McKibben, J.C.; Peters, N.J.; Stevens, J.G.; Stillman, J.A.; Wilson, E.H.	TR	ANL	Argonne National Laboratory (ANL)	7/8/2013

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1088655	Ductile-to-Brittle Transition Temperature for High Burnup Zircaloy-4 and ZIRLO (TM) Cladding Alloys Exposed to Simulated Drying Storage Conditions.	Billone, M.C.; Burtseva, T.A.; Yan, Y. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/11/2013
1087816	Consolidator's Report for the SPERT-III Benchmark	Olson, A.P. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/12/2013
1087819	Resilience Measurement Index: An Indicator of Critical Infrastructure Resilience	Petit, F.D.P.; Bassett, G.W.; Black, R.; Buehring, W.A.; Collins, M.J.; Dickinson, D.C.; Fisher, R.E.; Haffenden,	TR	ANL	Argonne National Laboratory (ANL)	7/15/2013
1087824	Vehicle Technologies Program Government Performance and Results Act (GPRA) Report for Fiscal Year 2014	Stephens, T.S.; Birky, A.K.; Ward, J. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	7/15/2013
1087817	Computer Modeling and Analysis of Truck Generated Salt-Spray Transport Near Bridges	Lottes, S.A.; Bojanowski, C. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	7/16/2013
1087826	Irradiation Experiment Conceptual Design Parameters for MITR LEU U-Mo Fuel Conversion	Wilson, E.H.; Newton, T.H.; Hu, L.; Dunn, F.E. (Nuclear Engineering Division); (MIT Nuclear Reactor Laboratory)	TR	ANL	Argonne National Laboratory (ANL)	7/16/2013
1087815	Neutronics Calculations for SPERT-III, E-core	Olson, A.P. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/17/2013
1110488	June 2013 Update: Status Report on Assessment of Environmentally Assisted Fatigue for LWR Extended Service Conditions. Summary of 1. Room-	Mohanty, S.; Soppet, W.K.; Majumdar, S.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/17/2013
1096155	Design Considerations for the Free-Electron Laser with Self-Seeding and Current Enhanced SASE	Zholents, A. (Accelerator Systems Division (APS))	TR	ANL	Argonne National Laboratory (ANL)	8/6/2013
1090204	Impact of Plate Size on Peak Cladding Strain.	Mohamed, W.M.F. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/9/2013
1090191	Renormalization of Mass Flow Data in FCDPs for Thermal Efficiency Variation Thermal Efficiency Variation	Taiwo, T.; Kim, T.K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/12/2013
1091498	VARI3D & PERSENT: Perturbation and Sensitivity Analysis	Smith, M.A.; Adams, C.; Yang, W.S.; Lewis, E.E. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/26/2013
1091499	Equipment and Method Choices for Concentration and Denitration of the Uranium Product from UREX	Bakel, A.J.; Vandegrift, G.F. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/27/2013
1091500	Mechanical Stability Study	Krahn, E.O.; Hebden, A.S.; Vandegrift, G.F.; Chung, P.; Wang, N.L. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/28/2013
1094959	Large-scale Manufacturing of Nanoparticulate-Based Lubrication Additives for Improved Energy Efficiency and Reduced Emissions - Final Report	Erdemir, A. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	9/26/2013
1095497	SHARP Assembly-Scale Multiphysics Demonstration Simulations.	Tautges, T. J.; Fischer, P.; Grindeanu, I.; Jain, R.; Mahadevan, V.; Obabko, A.; Smith, M. A.; Merzari, E.;	TR	ANL	Argonne National Laboratory (ANL)	10/2/2013
1096154	Computational Mechanics Research and Support for Aerodynamics and Hydraulics at TFHRC. Year 3 Quarter 2 Progress Report	Lottes, S.A.; Bojanowski, C.; Shen, J.; Xie, Z. (Energy Systems); (FHWA Turner-Fairbank Highway Research	TR	ANL	Argonne National Laboratory (ANL)	10/7/2013
1096157	A Method of Optimizing Field Roll-Off and the Peak Field of Hybrid Planar Undulators	Abiz, M.; Vasserma, I. (Accelerator Systems Division (APS))	TR	ANL	Argonne National Laboratory (ANL)	10/7/2013
1096165	Used Fuel Disposition Campaign - Embrittlement and DBTT of High-Burnup PWR Fuel Cladding Alloys	Billone, M. C.; Burtseva, T. A.; Han, Z.; Liu, Y. Y. [Decision and Information Sciences]; ( NE	TR	ANL	Argonne National Laboratory (ANL)	10/9/2013
1096166	Managing Aging Effects on Dry Cask Storage Systems for Extended Long-Term Storage and Transportation of Used Fuel. Rev. 1	Chopra, O.K.; Diercks, D.; Ma, D.; Shah, V.N.; Tam, S.W.; Fabian, R.R.; Han, Z.; Liu, Y.Y. (Decision and Information	TR	ANL	Argonne National Laboratory (ANL)	10/9/2013
1096700	Safeguards Approaches for Very Long-Term Storage of Spent Fuel	Kollar, L.; Mendez-Torres, A.; Diaz Marciano, H.; Therios, I. (Nuclear Engineering Division); (Savannah River	TR	ANL	Argonne National Laboratory (ANL)	10/11/2013
1098020	Modeling Ternary Pumped Storage Units	Feltes, J.; Kazachkov, Y.; Gong, B.; Trouille, B.; Donalek, P.; Koritarov, V.; Guzowski, L.; Gevorgian, V. (Decision	TR	ANL	Argonne National Laboratory (ANL)	10/25/2013
1098021	Modeling Adjustable Speed Pumped Storage Hydro Units Employing Doubly-Fed Induction Machines	Feltes, J.; Koritarov, V.; Guzowski, L.; Kazachkov, Y.; Gong, B.; Trouille, B.; Donalek, P. (Decision and	TR	ANL	Argonne National Laboratory (ANL)	10/25/2013
1098022	Review of Existing Hydroelectric Turbine-Governor Simulation Models	Feltes, J.; Koritarov, V.; Guzowski, L.; Kazachkov, Y.; Lam, B.; Grande-Moran, C.; Thomann, G.; Eng, L.; Trouille, B.;	TR	ANL	Argonne National Laboratory (ANL)	10/25/2013
1098023	Testing Dynamic Simulation Models for Different Types of Advanced Pumped Storage Hydro Units	Feltes, J.; Koritarov, V.; Kazachkov, Y.; Gong, B.; Donalek, P.; Gevorgian, V. (Decision and Information Sciences);	TR	ANL	Argonne National Laboratory (ANL)	10/25/2013
1104657	Technical Letter Report of Slow-Strain-Rate Tensile Tests on Irradiated Stainless Steels in a PWR Environment	Chen, Y.; Soppet, W.; Alexandrea, B.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/30/2013
1104658	Technical Letter Report on the Cracking of Irradiated Stainless Steels in Low-Corrosion-Potential Environments	Chen, Y.; Alexandrea, B.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/30/2013
1107495	Integrating Solar PV in Utility System Operations	Mills, A.; Botterud, A.; Wu, J.; Zhou, Z.; Hodge, B.M.; Heaney, M. [Decision and Information Sciences];	TR	ANL	Argonne National Laboratory (ANL)	11/19/2013
1108161	Protective Measures Index and Vulnerability Index: Indicators of Critical Infrastructure Protection and Vulnerability	Petit, F.; Bassett, G.W.; Buehring, W.A.; Collins, M. J.; Dickinson, D. C.; Haffenden, R.A.; Huttenga, A.A.; Klett,	TR	ANL	Argonne National Laboratory (ANL)	11/21/2013
1110489	Low Enriched Uranium Core Design for the Massachusetts Institute of Technology Reactor (MITR) with Un-finned 12 mil-thick Clad UMO Monolithic	Bergeron, A.; Wilson, E.H.; Yesilyurt, G.; Dunn, F.D.; Stevens, J.G.; Hu, L.; Newson, T.H., Jr. (Nuclear	TR	ANL	Argonne National Laboratory (ANL)	12/5/2013
1097780	Large-scale Manufacturing of Nanoparticulate-based Lubrication Additives for Improved Energy Efficiency and Reduced Emissions	Erdemir, Ali [Argonne National Laboratory]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (	9/26/2013
1093696	Nowcasting influenza outbreaks using open-source media report.	Ray, Jaideep; Brownstein, John S. [Boston Children's Hospital, Boston, MA]	TR	SNL	Boston Children's Hospital, Boston, MA	2/1/2013
1110735	2012 Annual Site Environmental Report	Ratel K. M.; Pohlot, P.; Lee, R.; Williams, J.; Remien, J.; Green, T.; Paquette, D.; Dorsch, W.; Hooda, B.; Burke, J.	TR	BNL	Brookhaven National Laboratory (BNL)	1/10/2013
1079317	Local Burn-Up Effects in the NBSR Fuel Element	Brown N. R.; Hanson A.; Diamond, D.	TR	BNL	Brookhaven National Laboratory (BNL)	1/31/2013
1108552	Exploding Pressure Vessel Test of YBaCuO HTS Pancakes	Witte, H.; Lalitha, Lakshmi; Gupta, Ramesh; Lewin, Richard; Jones, Harry; Hickman, Anthony	TR	BNL	Brookhaven National Laboratory (BNL)	2/21/2013
1079873	Effect of Shim Arm Depletion in the NBSR	Hanson A. H.; Brown N.; Diamond, D.J.	TR	BNL	Brookhaven National Laboratory (BNL)	2/22/2013
1073006	On the FEL gain limit	Litvinenko V. N.	TR	BNL	BROOKHAVEN NATIONAL LABORATORY (BNL)	3/25/2013
1082050	Irradiation Experiment Conceptual Design Parameters for NBSR Fuel Conversion	Brown N. R.; Brown, N.R.; Baek, J.S.; Hanson, A.L.; Cuadra, A.; Cheng, L.Y.; Diamond, D.J.	TR	BNL	Brookhaven National Laboratory (BNL)	3/31/2013
1087057	Area Radiation Detector Revision Of Training Summary Report	Musolino S.; Kathleen McIntyre	TR	BNL	Brookhaven National Laboratory (BNL)	4/17/2013
1089824	Building an Effective Nonproliferation Program: US Support of IAEA Safeguards	Stern W.; Pepper S.	TR	BNL	Brookhaven National Laboratory (BNL)	5/1/2013
1108553	Partial Return Yoke for MICE	Witte H.; Plate, S.	TR	BNL	Brookhaven National Laboratory (BNL)	5/3/2013
1089830	Information Filters for Safeguards Applications: A Scoping Study	Bachner K.; Verdugo D.; Verdugo, D	TR	BNL	Brookhaven National Laboratory (BNL)	5/24/2013

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1089831	Challenges to the 2015 NPT Review Conference	Burk S.	TR	BNL	Brookhaven National Laboratory (BNL)	5/24/2013
1091774	Measurement of Spent Fuel Assemblies - Overview of the Status of the Technology for Initiating Discussion at NATIONAL RESEARCH CENTRE	SISKIND B. ;N/A	TR	BNL	Brookhaven National Laboratory (BNL)	6/3/2013
1091742	Analysis of localized beam losses in the Booster extraction straight section and the Booster to Storage Ring transfer line	Seletskiy S.	TR	BNL	Brookhaven National Laboratory (BNL)	6/5/2013
1104826	2013 Snapshot of NGSII Human Capital Development and Future Roadmap	Schol M. ;Poe S. ;Dewji, S.; Finklea, L.;	TR	BNL	Brookhaven National Laboratory (BNL)	7/24/2013
1095168	Simulation of radiation damping in rings using stepwise ray-tracing methods	Meot F.	TR	BNL	Brookhaven National Laboratory (BNL)	7/30/2013
1104827	TEAPOT-SPINK simulation of orbits and spin in COSY with an RF-Solenoid (January 2011 runs)	Luccio A. U. ;Malitsky, N.; Semertzidis, Y.; Stephenson, E.; Talman, J.D.	TR	BNL	Brookhaven National Laboratory (BNL)	7/31/2013
1093797	Nonproliferation and National Security Training Global Security Through Science Partnerships	Rohatgi U. S. ;Verdugo, D.	TR	BNL	Brookhaven National Laboratory (BNL)	8/2/2013
1108581	Energy interlock in the Booster to Storage Ring transfer line	Seletskiy S.	TR	BNL	Brookhaven National Laboratory (BNL)	8/5/2013
1108582	Effect of energy interlock on possible beam losses in the Booster to Storage Ring transfer line	Seletskiy S.	TR	BNL	Brookhaven National Laboratory (BNL)	8/5/2013
1095694	Intensity Frontier Instrumentation	Kettell S. ;Rameika, R.; Tshirhart, B.	TR	BNL	Brookhaven National Laboratory (BNL)	9/24/2013
1109466	Planning Document for an NBSR Conversion Safety Analysis Report	Diamond D. J. ;Baek J. ;Hanson, A.L.; Cheng, L-Y.; Brown, N.; Cuadra, A.	TR	BNL	Brookhaven National Laboratory (BNL)	9/25/2013
1104830	Depressed electron collector for the Gatling Gun Test Stand	Pikin A. ;Ben-Zvi, I.; Chang, X.Y.; Gassner, D.; Litvinenko, V.; Rahman, O.; Rao, T.; Riehn, E.; Sheehy, B.; Skaritka,	TR	BNL	Brookhaven National Laboratory (BNL)	10/24/2013
1097517	Seismic Soil-Structure Interaction Analyses of a Deeply Embedded Model Reactor "SASSI" Analyses	Nie J. ;Braverman J. ;Costantino, M.	TR	BNL	Brookhaven National Laboratory (BNL)	10/31/2013
1087539	An online application to measure the dispersion function in AGS	Tsoupan N. ;Huang, H.; Meot, F.; Morris, J.; Nemesure, S.	TR	BNL	Brookhaven National Laboratory (BNL) Alternating	5/10/2013
1095686	Where are the AGS snakes?	Meot F. ;Gupta, R.; Huang, H.; Tsoupan, N.	TR	BNL	Brookhaven National Laboratory (BNL) Alternating	7/30/2013
1104829	A RHIC-style IPM in the Brookhaven AGS	Connolly R. ;Dawson, C.; Fite, J.; Huang, H.; Jao, S.; Meng, W.; Michnoff, R.; Sampson, P.; Tepikian, S.	TR	BNL	Brookhaven National Laboratory (BNL) Alternating	9/26/2013
1109518	Simulation of Scraping on the AGS Beam Dump	Gardner C. J.	TR	BNL	Brookhaven National Laboratory (BNL) Alternating	10/28/2013
1068823	Use of Covariances in a Consistent Data Assimilation for Improvement of Basic Nuclear Parameters in Nuclear Reactor Applications: From Meters to	Herman M. ;Herman,M.; Hoblit,S.; Nobre,G.P.A.; Palumbo,A.; Pigni,M.T.; Palmiotti,G.; Hiruta,H.;	TR	BNL	Brookhaven National Laboratory (BNL) National N	1/3/2013
1068824	Upgrade the EMPIRE code as needed for evaluation and production of covariances for actinides	Nobre G. P. ;Nobre,G.; Palumbo,A.; Hoblit,S.; Herman,M.	TR	BNL	Brookhaven National Laboratory (BNL) National N	1/3/2013
1108585	EMPIRE-3.2 Malta modular system for nuclear reaction calculations and nuclear data evaluation Users Manual	Herman M. ;Herman,M.; Capote,R.; Sin,M.; Trkov,A.; Carlson,B.V.; Oblozinsky,P.; Mattoon,C.M.; Wienke,H.;	TR	BNL	Brookhaven National Laboratory (BNL) National N	8/5/2013
1061594	Choosing RF system for low energy RHIC operation	Litvinenko V. L.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	1/1/2013
1069355	IBS for RHIC operation below transition energy and various RF systems	Fedotov A.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	2/13/2013
1069356	Correction of the spin chromaticity in RHIC	Kewisch J. ;Bai, M.; Bruno, D.; Meot, F.; Roser, T.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	2/27/2013
1073005	RHIC orbit response analysis with LOCO Run 12	Summers T. ;Kewisch, J.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	3/21/2013
1082083	Projections of potential luminosity improvement for low-energy RHIC operation with electron cooling	Fedotov A.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	4/1/2013
1082094	Beam-beam observations in RHIC	Luo Y. ;Fischer, W.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	4/18/2013
1093183	A Heavy Ion Fireball freeze-out Dipion Cocktail for Au-Au Collisions at root s =200GeV (Part 1)	Longacre R.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	6/11/2013
1095683	A Heavy Ion Fireball freeze-out Dipion Cocktail vs Angular Correlations for Au-Au Collisions at root s=200 GeV (Part 2).	Longacre R.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	6/11/2013
1109440	A Heavy Ion Fireball freeze-out Dipion Cocktail for Au-Au Collisions at root s=200 GeV pt dependence (Part 3).	Longacre R.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	6/11/2013
1104828	Analysis of Vernier Scans during RHIC Run-13	Drees A.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	10/11/2013
1104831	RHIC polarization for Runs 9-12	Schmidke B.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	10/11/2013
1109519	Beam-based alignment in RHIC	Beebe-Wang J.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	10/11/2013
1104832	Polarimetry at RHIC: RHIC polarized beam in Run 2011	Zelenski A.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	10/15/2013
1104833	The RHIC polarized source upgrade	Zelenski A. ;Atoian, G.; Ritter, J.; Steski, D.; Davydenko, V.; Ivanov, A.; Kolmogorov, A.	TR	BNL	Brookhaven National Laboratory (BNL) Relativistic	10/15/2013
1068121	Proceedings of RIKEN BNL Research Center Workshop: Thermal Radiation Workshop	Akiba Y. ;Ruan L. ;Drees, A.; Fries, R.; Gale, C.; Ruan, L.	TR	BNL	Brookhaven National Laboratory (BNL) Riken BNL	1/8/2013
1088198	Proceedings of RIKEN BNL Research Center Workshop: Jet Quenching at RHIC vs LHC in Light of Recent dAu vs pPb Controls	Jia J. ;Gyulassy, M.; Liao, J.	TR	BNL	Brookhaven National Laboratory (BNL) Riken BNL	4/30/2013
1097143	Idaho National Laboratory 2015-2023 Ten-Year Site Plan	Sheryl Morton; Elizabeth Connell; Bill Buyers; John Reisenauer; Rob Logan; Chris Ischay; Ernest Fossum;	TR	INL	Department of Energy (DOE)	9/1/2013
1095940	Source identification in acoustics and structural mechanics using Sierra/SD.	Walsh, Timothy Francis; Aquino, Wilkins [Duke University Durham, NC]; Ross, Michael	TR	SNL	Duke University, Durham, N. C.; Sandia National L	3/1/2013
1108713	Site Environmental Report for 2012, Volumes 1& 2	Pauer, Ron; Baskin, David; Bauters, Tim; Borglin, Ned; Fox, Robert; Horst, Blair; Jelinski, John; Lackner, Ginny;	TR	LBNL	Ernest Orlando Lawrence Berkeley National Labor	9/30/2013
1095955	A multiresolution spatial parametrization for the estimation of fossil-fuel carbon dioxide emissions via atmospheric inversions.	Ray, Jaideep; Lee, Jina; Lefantzi, Sophia; Yadav, Vineet [Carnegie Institution for Science, Stanford, CA];	TR	SNL	IBM Research, Mulhuddart, Dublin, Ireland; Sand	4/1/2013
1093886	Water-Gas-Shift Membrane Reactor for High-Pressure Hydrogen Production. A comprehensive project report (FY2010 - FY2012)	Klaehn, John [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Peterson, Eric [Idaho National Lab.	TR	INL	Idaho National Lab. (INL), Idaho Falls, ID (United S	1/1/2013
1062195	OSPREY Model	Veronica J. Rutledge	TR	INL	Idaho National Laboratory (INL)	1/1/2013

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1064048	In-Vessel Coil Material Failure Rate Estimates for ITER Design Use	L. C. Cadwallader	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070111	Beam Characterization at the Neutron Radiography Facility	Sarah Morgan; Jeffrey King	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070117	INL Control System Situational Awareness Technology Final Report 2013	Gordon Rueff; Bryce Wheeler; Todd Vollmer; Tim McJunkin	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070118	Dynamic Analysis of Mobile Device Applications	Corey Thuen	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070119	Host Event Based Network Monitoring	Jonathan Chugg	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070122	Aging of Alloy 617 at 650 and 750 Degrees C	Julian Benz; Thomas Lillo; Richard Wright	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070129	Pre-irradiation testing and analysis to support the LWRS Hybrid SiC-CMC-Zircaloy-04 unfueled rodlet irradiation	Isabella J van Rooyen	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1070143	SCADA Protocol Anomaly Detection Utilizing Compression (SPADUC) 2013	Gordon Rueff; Lyle Roybal; Denis Vollmer	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073774	2010 Ford Fusion VIN 4757 Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073775	2010 Honda Insight VIN 0141 Hybrid Electric Vehicle Battery Test Results	Tyler Gray	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073778	2010 Honda Insight VIN 1748 Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073779	2010 Toyota Prius VIN 0462 Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073780	2010 Toyota Prius VIN 6063 Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073781	Stability of Molten Core Materials	Layne Pincock; Wendell Hintze	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073782	A First Preliminary Look: Are Corridor Charging Stations Used to Extend the Range of Electric Vehicles in The EV Project?	John Smart	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1073785	Enhanced Accident Tolerant LWR Fuels National Metrics Workshop Report	Lori Braase	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1076540	Evaluation of Revised Computer-Based Procedure System Prototype	Katya Le Blanc; Johanna Oxstrand; Cheradan Fikstad	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1082388	Rapid Analysis of Ash Composition Using Laser-Induced Breakdown Spectroscopy (LIBS)	Tyler L. Westover	TR	INL	Idaho National Laboratory (INL)	1/1/2013
1064047	2012 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Materials and Fuels Complex Industrial Waste Ditch and	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070113	Idaho National Laboratory Cultural Resource Management Plan	Julie Braun Williams	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070116	2012 Annual Wastewater Reuse Report for the Idaho National Laboratory Site's Central facilities Area Sewage Treatment Plant	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070125	2012 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Advanced Test Reactor Complex Cold Waste Pond	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070127	2012 Radiological Monitoring Results Associated with the Advanced Test Reactor Complex Cold Waste Pond	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070131	Radiological Monitoring Results for Groundwater Samples Associated with the Industrial Wastewater Reuse Permit for the Materials and Fuels Complex	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1070145	Separations and Waste Forms Research and Development: FY 2012 Accomplishments Report	Not Listed	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1072393	Operational Philosophy for the Advanced Test Reactor National Scientific User Facility	J. Benson; J. Cole; J. Jackson; F. Marshall; D. Ogden; J. Rempe; M. C. Thelen	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1076533	DOE Robotic and Remote Systems Assistance to the Government of Japan	Derek Wadsworth; Victor Walker	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1082390	Multirecycling of Plutonium from LMFBR Blanket in Standard PWRs Loaded with MOX Fuel	Sonat Sen; Gilles Youinou	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1082391	Depletion Analysis of Modular High Temperature Gas-cooled Reactor Loaded with LEU/Thorium Fuel	Sonat Sen; Gilles Youinou	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1082393	Long-Term Instrumentation, Information, and Control Systems (II&C) Modernization Future Vision and Strategy	Kenneth Thomas; Bruce Hallbert	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1082394	Analysis of Pu-Only Partitioning Strategies in LMFBR Fuel Cycles	Samuel Bays; Gilles Youinou	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1084684	Options for Kentucky's Energy Future	Larry Demick; Phil Hildebrandt	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1088410	International Nuclear Energy Research Initiative P	J. Rory Kennedy	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1097136	LWR First Recycle of TRU with Thorium Oxide for Transmutation and Cross Sections	Andrea Alfonsi; Gilles Youinou; Sonat Sen	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1097159	Final Report - Assessment of Testing Options for the NTR at the INL	Howe, Steven D; McLing, Travis L; McCurry, Michael; Plummer, Mitchell A	TR	INL	Idaho National Laboratory (INL)	2/1/2013
1064054	HTR-PROTEUS PEBBLE BED EXPERIMENTAL PROGRAM CORES 9 & 10: COLUMNAR HEXAGONAL POINT-ON-POINT PACKING WITH A 1:1 MODERATOR-	John D. Bess	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1064063	HTR-PROTEUS PEBBLE BED EXPERIMENTAL PROGRAM CORES 5, 6, 7, & 8: COLUMNAR HEXAGONAL POINT-ON-POINT PACKING WITH A 1:2 MODERATOR-	John D. Bess	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1064064	HTR-PROTEUS Pebble Bed Experimental Program Cores 1, 1A, 2, and 3: Hexagonal Close Packing with a 1:2 Moderator-to-Fuel Pebble Ratio	John D. Bess; Barbara H. Dolphin; James W. Sterbenz; Luka Snoj; Igor Lengar; Oliver KÄberl	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1064067	Fresh-Core Reload of the Neutron Radiography (NRAD) Reactor with Uranium(20)-Erbium-Zirconium-Hydride Fuel	John D. Bess; Thomas L. Maddock; Margaret A. Marshall; Leland M. Montierth	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1070112	Digital Full-Scope Simulation of a Conventional Nuclear Power Plant Control Room, Phase 2: Installation of a Reconfigurable Simulator to Support Nuclear	Ronald L. Boring; Vivek Agarwal; Kirk Fitzgerald; Jacques Hugo; Bruce Hallbert	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1072394	Idaho National Laboratory FY12 Greenhouse Gas Report	Kimberly Frerichs	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1072395	Tritium Formation and Mitigation in High-Temperature Reactor Systems	Piyush Sabharwal; Carl Stoots; Hans A. Schmutz	TR	INL	Idaho National Laboratory (INL)	3/1/2013

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1072398	Mountain Home Air Force Base, Idaho Geothermal Resource Assessment and Future Recommendations	Joseph C. Armstrong; Robert P. Breckenridge; Dennis L. Nielson; John W. Shervais; Thomas R. Wood	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1073776	HTR-PROTEUS PEBBLE BED EXPERIMENTAL PROGRAM CORE 4: RANDOM PACKING WITH A 1:1 MODERATOR-TO-FUEL PEBBLE RATIO	John D. Bess; Leland M. Montierth	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1076535	Critical Configuration and Physics Measurements for Assemblies of U(93.15)O2 Fuel Rods (1.506-cm Pitch)	Margaret A. Marshall	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1076546	CRITICAL CONFIGURATION AND PHYSICS MEASUREMENTS FOR BERYLLIUM REFLECTED ASSEMBLIES OF U(93.15)O2 FUEL RODS (1.506-CM PITCH)	Margaret A. Marshall	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1082384	Idaho National Laboratory LDRD Annual Report FY 2012	Dena Tomchak	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1082396	Uncertainty Quantification of Calculated Temperatures for the AGR-1 Experiment	Binh T. Pham; Jeffrey J. Einerson; Grant L. Hawkes	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1082398	Idaho National Laboratory Annual Report FY 2012 LDRD Snapshot	Anita K. Gianotto; Dena Tomchak; Nicole Stricker	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1082400	Advanced Fuels Campaign Cladding & Coatings Meeting Summary	Not Listed	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1084654	EBSD characterization of tubular cladding plastici	isabella J Van Rooyen	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1084659	Energy Storage for DC Fast Chargers Development an	Russel Newnham; Sally (Xiaolei) Sun; Donald Karner	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1084681	Development of an Initial Model of Human-Automatio	Johanna Oxstrand; John O'Hara; Jeffrey C. Joe; Kat	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1084685	Quantification of Data Needs, Data Collection and	Anh Bui; Nam Dinh	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1084686	Hydra-TH Simulation of Single-Phase Flow and Heat	Anh Bui; Hongbin Zhang	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1091349	Summary of Plutonium-238 Production Alternatives Analysis Final Report	James Werner; Wade E. Bickford; David B. Lord; Chadwick D. Barklay	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1093395	Northeast Feedstock Supply Technical and Economica	Corrie Nichol; Kara Cafferty; Richard Boardman	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1097137	Analysis of Fission Products on the AGR-1 Capsule Components	Paul A. Demkowicz; Jason M. Harp; Philip L. Winston; Scott A. Ploger	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1097140	Fixation of Radiological Contamination; International Collaborative Development	Rick Demmer	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1097161	Integrating Safety Assessment Methods using the Risk Informed Safety Margins Characterization (RISMCM) Approach	Curtis Smith; Diego Mandelli	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1097179	TMI-2 - A Case Study for PWR Instrumentation Performance during a Severe Accident	Joy L. Rempe; Darrell L. Knudson	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1107262	Feedstock Pathways for Bio-oil and Syngas Conversi	David J. Muth; Jake Jacobson; Kara Cafferty; Rober	TR	INL	Idaho National Laboratory (INL)	3/1/2013
1076547	Results of U-xMo (x=7, 10, 12 wt.%) Alloy versus Al-6061 Cladding Diffusion Couple Experiments Performed at 500, 550 and 600 Degrees C	Emmanuel Perez; Dennis D. Keiser, Jr.; Yongho Sohn	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082376	IWTU Process Sample Analysis Report	Nick Soelberg	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082392	Light Water Reactor Sustainability Program Integrated Program Plan	Kathryn McCarthy; Jeremy Busby; Bruce Hallbert; Shannon Bragg-Sitton; Curtis Smith; Cathy Barnard	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082395	SPAR Model Structural Efficiencies	John Schroeder; Dan Henry	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082399	Draft Function Allocation Framework and Preliminary Technical Basis for Advanced SMR Concepts of Operations	Jacques Hugo; John Forester; David Gertman; Jeffrey Joe; Heather Medema; Julius Persensky; April Whaley	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082401	Implementation Plan for the Irradiated Materials Characterization Laboratory (IMCL)	Not Listed	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082402	Viability of Existing INL Facilities for Dry Storage Cask Handling	Randy Bohachek; Charles Park; Bruce Wallace; Phil Winston; Steve Marschman	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1084683	Creep-Fatigue Behavior of Alloy 617 at 850 and 950	L. Carroll; M. Carroll	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1087687	RELAP-7: Demonstrating Seven-Equation, Two-Phase	Ray Berry; Ling Zou; Haihua Zhao; David Andrs; Joh	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1087692	DOE-NE Light Water Reactor Sustainability Program	Don Williams	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1087693	Small Modular Reactors (SMR) Probabilistic Risk As	Curtis Smith; David Schwieder; Cherie Phelan; Dieg	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1087695	Summary Report: INL CDCIS Cask Scanner Testing at	Jayson Wharton; Edward Seabury; Gus Caffrey; Phili	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1087696	Energy Frontier Research Center -- Center for Mate	Todd R. Allen	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1088408	AGC-2 Graphite Preirradiation Data Analysis Report	William Windes; W. David Swank; David Rohrbaugh; J	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1088413	Malmstrom Air Force Base Wind Farm Economic Analys	Kurt S. Myers; Brian Jackson; Jake P. Gentle; Jaso	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1091352	Evaluate disposable sample chips and complete the	Julia Tripp	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1091353	Cross-Flow Filtration of Multiple Algal Strains an	Deborah T. Newby	TR	INL	Idaho National Laboratory (INL)	4/1/2013
1082389	NGNP: High Temperature Gas-Cooled Reactor Key Definitions, Plant Capabilities, and Assumptions	Wayne Moe	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1084652	Advanced Post-Irradiation Examination Capability T	Not Listed	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1084656	Causal Analysis of the FASB Uranium Silicide Compa	David E. James	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1084660	Safety Design Strategy for Resumption of Transient	Boyd Christensen	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1084680	Creep-Fatigue Behavior of Alloy 617 at 850 and 950	L. Carroll; M. Carroll	TR	INL	Idaho National Laboratory (INL)	5/1/2013

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1087686	RELAP5-3D Developer Guidelines and Programming Pra	Dr. George L Mesina	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1091879	Final Project Report for Material Security and Con	Lannie D. Workman	TR	INL	Idaho National Laboratory (INL)	5/1/2013
1084677	Newton-Krylov based P2 Projection Solver for Fluid	Robert Nourgaliev; Mark Christon; Jozsef Bakosi	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1084682	Toxic Substances Control Act (TSCA) Polychlorinate	D. L. Layton	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1086821	Idaho National Laboratory PCB Annual Document Log	D. L. Layton	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1086824	Engineering Database of Liquid Salt Thermophysical	Manohar S. Sohal; Matthias A. Ebner; Piyush Sabhar	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1086825	Framework For Human-Automation Collaboration: Proj	Johanna Oxstrand; John O'Hara; Jeffrey C. Joe; Kat	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1087688	RELAP5-3D Developer Guidelines and Programming Pra	Dr. George L Mesina	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1091355	Electric Vehicle Preparedness Task 2: Identificati	Nakul Sathaye; Steven Schey; Jim Francfort	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1091356	Electric Vehicle Preparedness Task 1: Assessment o	Nakul Sathaye; Steven Schey; Jim Francfort	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1091357	Electric Vehicle Preparedness Task 1: Assessment o	Nakul Sathaye; Steven Schey; Jim Francfort	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1093387	2012 Idaho National Laboratory Water Use Report an	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1093389	Radiation Protection Instrument Reliability and Ma	L. C. Cadwallader; S. A. Bruyere; B. J. Denny	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1093397	Idaho National Laboratory Business Systems and Pro	Susan Hensley	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1093398	Deployment and Overview of RAVEN capabilities for	Cristian Rabiti; Andrea Alfonsi; Diego Mandelli; J	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1097145	The Radiolysis of AmVI Solutions	Bruce J. Mincher	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1097146	RELAP-7: Demonstrating the integration of two-phase flow components for an ideal BWR loop	Hongbin Zhang; Haihua Zhao; Ling Zou; David Andrs; John Peterson; Ray Berry; Richard Martineua	TR	INL	Idaho National Laboratory (INL)	6/1/2013
1089973	MOOSE Enhancements Towards Delivery of an Integrat	Derek Gaston	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1090808	A VARIABLE LOAD LVDT-BASED CREEP TEST RIG FOR USE	K. L. Davis; D. L. Knudson; J. L. Rempe; K. G. Con	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1093388	INL High Performance Building Strategy	Ernest Fossum; Chris Ischay	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1093887	EXPLORATION OF THE PHASE FIELD FRAMEWORK MARMOT TO	Aaron S. Butterfield	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097148	Development and Test Evaluations for Ni-DOBDC Metal Organic Framework (MOF) Engineered Forms	Troy G. Garn; Mitchell Greenhalgh	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097167	2010 Honda Civic Hybrid UltraBattery Conversion 5577 - Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk; Jeffrey Wishart	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097168	2011 Chevrolet Volt VIN 0815 Plug-In Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk; Jeffrey Wishart	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097169	2011 Hyundai Sonata 4932 - Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk; Jeffrey Wishart	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097170	Electric Ground Support Equipment Advanced Battery Technology Demonstration Project at the Ontario Airport	Tyler Gray; Jeremy Diez; Jeffrey Wishart; James Francfort	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097701	Tensile Properties of Alloy 617 Bar Stock	Jill Wright; richard Wright; Nancy Lybeck	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1097702	Irradiation Performance of U-Mo Alloy Based $\delta\epsilon$ Monol	A. B. Robinson; D. M. Perez; D. L. Porter; G. L. C	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1110331	Digital Sensor Technology	Ted Quinn; Jerry Mauck; Richard Bockhorst; Ken Thomas	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1111510	RAVEN: Dynamic Event Tree Approach Level III Milestone	Andrea Alfonsi; Cristian Rabiti; Diego Mandelli; Joshua Cogliati; Robert Kinoshita	TR	INL	Idaho National Laboratory (INL)	7/1/2013
1093396	INL Assessment of PNNL Water Conservation Study fo	Kerwin Hassing	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097147	LDRD FY 2014 Program Plan	Anita Gianotto; Dena Tomchak	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097164	Modeling of Some Physical Properties of Zirconium Alloys for Nuclear Applications in Support of UFD Campaign	Michael V. Glazoff	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097183	Incorporating Cold Cap Behavior in a Joule-heated Waste Glass Melter Model	Varija Agarwal; Donna Post Guillen	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097184	Multiphysics Integrated Coupling Environment (MICE) User Manual	Varija Agarwal; Donna Post Guillen	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097190	AGC-2 Graphite Preirradiation Data Analysis Report	William Windes; W. David Swank; David Rohrbaugh; Joseph Lord	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097694	Idaho National Laboratory Water Conservation Proje	Jeffrey A. Sondrup	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097699	Advanced Test Reactor Complex Sewage Lagoon Evalua	Mark R. Cole; N/A	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1107263	RELAP-7 Simulation Resolving an SBO Scenario on a	Hongbin Zhang; Haihua Zhao; Ling Zou; David Andrs;	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1107265	PINS Variance study	E.H. Seabury	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1107266	Idaho National Laboratory Quarterly Performance An	Lisbeth A. Mitchell	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1107268	Pressure Swing and Thermal Swing Adsorption Capaci	Troy G. Garn; Mitchell Greenhalgh	TR	INL	Idaho National Laboratory (INL)	8/1/2013

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1108043	CTBTO Contractor Laboratory Test Sample Production Report	Bob Hague; Tracy Houghton; Nick Mann; Matt Watrous	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1110332	Statistical Comparison of the Baseline Mechanical Properties of NBG-18 and PCEA Graphite	Mark C. Carroll; David T. Rohrbaugh	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1110333	Light Water Reactor Sustainability Program Technical Basis Guide Describing How to Perform Safety Margin Configuration Risk Management	Curtis Smith; James Knudsen; Bentley Harwood	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1111009	ATRC Neutron Detector Testing Quick Look Report	Troy C. Unruh; Benjamin M. Chase; Joy L. Rempe	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1111010	Materials Inventory Database for the Light Water Reactor Sustainability Program	Kazi Ahmed; Shannon M. Bragg-Sitton	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1111011	DEVELOPMENT OF PLASTICITY MODEL USING NON ASSOCIATED FLOW RULE FOR HCP MATERIALS INCLUDING ZIRCONIUM FOR NUCLEAR APPLICATIONS	Michael V. Glazoff; Jeong-Whan Yoon	TR	INL	Idaho National Laboratory (INL)	8/1/2013
1097141	ORSPHERE: CRITICAL, BARE, HEU(93.2)-METAL SPHERE	Margaret A. Marshall	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097151	Light Water Reactor Sustainability Constellation Pilot Project FY13 Summary Report	R. Johansen	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097166	Study of a double bubbler for material balance in liquids	Hugues Lambert	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097171	AGR-2 Data Qualification Report for ATR Cycles 151B-2, 152A, 152B, 153A, 153B and 154A	Binh T. Pham; Jeffrey J. Einerson	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097173	Development of Methodologies for Technology Deployment for Advanced Outage Control Centers that Improve Outage Coordination, Problem Resolution	Shawn St. Germain; Ronald Farris; Heather Medeman	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097174	Development of a Technical Basis and Guidance for Advanced SMR Function Allocation	Jacques Hugo; David Gertman; Jeffrey Joe; Ronal Farris; April Whaley; Heather Medema	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097693	NEET Micro-Pocket Fission Detector " FY 2013 Statu	Troy Unruh; Joy Rempe; Douglas McGregor; Philip Ug	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097695	Development of Human Factors Guidance for Human-Sy	Jacques Hugo; David Gertman; Magdy S Tawfik	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097696	Light Water Reactor Sustainability Program Demonst	Vivek Agarwal; Nancy J. Lybeck; Laura C. Matacia;	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097697	Light Water Reactor Sustainability Program Compute	Johanna Oxstrand; Katya Le Blanc; Aaron Bly	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097698	NEET In-Pile Ultrasonic Sensor Enablement-FY-2013	J. E. Daw; J.L Rempe; A.J. Palmer; B. Tittmann; B.	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097700	Light Water Reactor Sustainability Program Advance	Bruce Hallbert; Ken Thomas	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097703	Creep Rupture of Pressurized Alloy 617 Tubes	Jill Wright; Richard wright	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1104501	Simulation of Air-Cooled Organic Rankine Cycle Geo	Daniel S. Wendt; Gregory L. Mines	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1107261	Air-Cooled Condensers for Next Generation Geotherm	Gregory L. Mines; Daniel S. Wendt	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1107273	Safety Design Strategy for the Resumption of Trans	Boyd Christensen; Lee Nelson	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1107275	MILESTONE REPORT #5: PROTOTYPE TEST MODIFICATIONS	Donna Post Guillen; Jalal Zia; Jennifer Jackson; P	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1107278	Idaho National Laboratory Ten-Year Site Plan Pro	Not Listed	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1110334	A Brief Review of Past INL Work Assessing Radionuclide Content in TMI-2 Melted Fuel Debris: The Use of 144Ce as a Surrogate for Pu Accountancy	D. L. Chichester; S. J. Thompson	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1110335	Review of Destructive Assay Methods for Nuclear Materials Characterization from the Three Mile Island (TMI) Fuel Debris	Carla J. Miller	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1110336	Validation and Calibration of Nuclear Thermal Hydraulics Multiscale Multiphysics Models - Subcooled Flow Boiling Study	Anh Bui; Nam Dinh; Brian Williams	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111008	Process Knowledge Summary Report for Advanced Test Reactor Complex Contact-Handled Transuranic Waste Drum TRA010029	B. R. Adams; R. P. Grant; P. R. Smith; J. L. Weisgerber	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111012	Summary report on the fuel performance modeling of the AFC-2A, 2B irradiation experiments	Pavel G. Medvedev	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111013	Technical Approach and Results from the Fuels Pathway on an Alternative Selection Case Study	Bob Youngblood; Curtis Smith	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111014	PINS-3X Operations	E.H. Seabury	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111015	Modeling of Late Blooming Phases and Precipitation Kinetics in Aging Reactor Pressure Vessel (RPV) Steels	Yongfeng Zhang; Pritam Chakraborty; S. Bulent Biner	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111016	MPACT Fast Neutron Multiplicity System Prototype Development	D.L. Chichester; S.A. Pozzi; J.L. Dolan; M.T. Kinlaw; S.J. Thompson; A.C. Kaplan; M. Flaska; A. Enqvist; J.T.	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111056	Iodine Pathways and Off-Gas Stream Characteristics for Aqueous Reprocessing Plants " A Literature Survey and Assessment	R. T. Jubin; D. M. Strachan; N. R. Soelberg	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111499	Enhanced Accident Tolerant Fuels for LWRS - A Preliminary Systems Analysis	Gilles Youinou; R. Sonat Sen	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111500	Letter Report: Looking Ahead at Nuclear Fuel Resources	J. Stephen Herring	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111501	Evaluation of Portable X-Ray Fluorescence (XRF) Analyzer for Zirconium-Thickness Measurements	Glenn Moore	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111502	Modeling and Analysis of FCM UN TRISO Fuel Using the PARFUME Code	Blaise Collin	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111505	Tritium Specific Adsorption Simulation Utilizing the OSPREY Model	Veronica Rutledge; Lawrence Tavarides; Ronghong Lin; Austin Ladshaw	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111506	DDE-MURR Status Report of Conceptual Design Activities	N.E. Woolstenhulme; R.B. Nielson; M.H. Sprenger; G.K. Housley	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111507	Impact of Fission Products Impurity on the Plutonium Content of Metal- and Oxide- Fuels in Sodium Cooled Fast Reactors	Hikaru Hiruta; Gilles Youinou	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1111508	AGC-3 Graphite Preirradiation Data Analysis Report	William Windes; David Swank; David Rohrbaugh; Joseph Lord	TR	INL	Idaho National Laboratory (INL)	9/1/2013



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1111509	Light Water Reactor Sustainability Program Grizzly Year-End Progress Report	Benjamin Spencer; Yongfeng Zhang; Pritam Chakraborty; S. Bulent Biner; Marie Backman; Brian	TR	INL	Idaho National Laboratory (INL)	9/1/2013
1097149	Site Suitability and Hazard Assessment Guide for Small Modular Reactors	Wayne Moe	TR	INL	Idaho National Laboratory (INL)	10/1/2013
1104502	Application of Chemical Heat Pumps for Temperature	Piyush Sabharwal; Daniel Wendt; Vivek P. Utgikar	TR	INL	Idaho National Laboratory (INL)	10/1/2013
1107264	BISON Theory Manual The Equations behind Nuclear F	J. D. Hales; S. R. Novascone; G. Pastore; D. M. Pe	TR	INL	Idaho National Laboratory (INL)	10/1/2013
1107269	RELAP5-3D Developmental Assessment: Comparison of	Paul D. Bayless	TR	INL	Idaho National Laboratory (INL)	10/1/2013
1107270	Q-value (MeV/fission) Determination for the Advanc	Jim Sterbentz	TR	INL	Idaho National Laboratory (INL)	10/1/2013
1110329	Impacts Analyses Supporting the National Environmental Policy Act Environmental Assessment for the Resumption of Transient Testing Program	Annette L. Schafer; Lloyd C. Brown; David C. Carathers; Boyd D. Christensen; James J. Dahl; Mark L. Miller;	TR	INL	Idaho National Laboratory (INL)	11/1/2013
1110330	National Environmental Policy Act Hazards Assessment for the TREAT Alternative	Boyd D. Christensen; Annette L. Schafer	TR	INL	Idaho National Laboratory (INL)	11/1/2013
1111017	Alternatives Analysis for the Resumption of Transient Testing Program	Lee Nelson	TR	INL	Idaho National Laboratory (INL)	11/1/2013
1091350	Algal Supply System Design - Harmonized Version	Jared Abodeedy; Daniel Stevens; Allison Ray; Debor	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (U	3/1/2013
1061275	Development and Optimization of Modular Hybrid Plasma Reactor	N/A	TR	INL	Idaho National Laboratory (United States)	1/2/2013
1097087	U.S. Department of Energy Space and Defense Power Systems Program Ten-Year Strategic Plan, Volume 1 and Volume 2	Dwight, Carla	TR	INL	Idaho National Laboratory (United States)	6/1/2013
1095623	Aspen Code Development Collaboration	none.; Cherry, Robert S. [INL]; Richard, Boardman D. [INL]	TR	INL	Idaho National Laboratory (United States)	10/3/2013
1096457	Measurements of prompt radiation induced conductivity in Teflon (PTFE).	Hartman, E. Frederick; Zarick, Thomas Andrew; Sheridan, Timothy J.; Preston, E. [ITT Exelis Mission	TR	SNL	ITT Exelis Mission Systems, Colorado Springs, CO;	5/1/2013
1088049	Security-by-design handbook.	Snell, Mark Kamerer; Jaeger, Calvin Dell; Scharmer, Carol; Jordan, Sabina Erteza; Tanuma, Koji [Japan Atomic	TR	SNL	Japan Atomic Energy Agency, Ibaraki, Japan; Sand	1/1/2013
1062217	heXRD: Modular, Open Source Software for the Analysis of High Energy X-Ray Diffraction Data	Boyce, D E; Bernier, J V	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/7/2013
1062213	Investigations on Repository Near-Field Thermal Modeling	Greenberg, H R; Sharma, M; Sutton, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/8/2013
1062221	Adaptive AMG with Coarsening Based on Compatible Weighted Matching	D'Ambra, P; Vassilevski, P S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/10/2013
1062205	Final Report for the San Jose State University Effort for Lawrence Livermore National Laboratory	Johnson, M S; Parvin, K	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/15/2013
1062207	LLNL Site Update for ESnet Site Coordinators Meeting Winter 2013	Panaga, M L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/15/2013
1068301	Real-Time Vehicle-Mounted Multistatic Ground Penetrating Radar Imaging System for Buried Object Detection	Chambers, D H; Paglieroni, D W; Mast, J E; Beer, N R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/15/2013
1092527	First demonstration of a sub-keV electron recoil energy threshold in a liquid argon ionization chamber	Sangiorgio, S; Bernstein, A; Colomean, J; Foxe, M; Haggmann, C; Joshi, T; Jovanovic, I; Kazkaz, K;	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/15/2013
1062211	Final Report on Statistical Debugging for Petascale Environments	Liblit, B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/18/2013
1062228	Evaluation of Rupture Panels M1, M2, and M3	Shen, T	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/18/2013
1062227	Final Report: B595949 - Fast Solvers for Discrete Hodge Laplacians	Zikatanov, L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/22/2013
1068309	Dynamical diffraction at high intensities	Hau-Riege, S; Pardini, T	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/24/2013
1068310	Ultrafast probing of the x-ray-induced lattice and electron dynamics in graphite at atomic-resolution	Hau-Riege, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/24/2013
1068299	TP76 -MicroCT Scatter Evaluation	Champley, K	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/25/2013
1068303	TP66-MicroCT Small Volume Comparison	Brown, W D; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/25/2013
1068306	TP75-MicroCT Test Bed Data Acquisition for Multi-Energy Zeff and Rho-e Decomposition Analysis	Brown, W D; Smith, J A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/25/2013
1062223	3D WAVE PROPAGATION AND SITE EFFECTS IN THE HUMBOLDT BAY AREA USING STRONG GROUND MOTION RECORDS FROM THE M6.5 2010 FERNDAL	Pitarka, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/28/2013
1062224	EEBHub Navy Yard Sankey Diagram Energy Analysis Final Report	Singer, S; Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/28/2013
1062226	EEBHub Building 101 Sankey Diagram Energy Analysis	Singer, S; Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/28/2013
1068319	Final report for EEB Hub, Task 10.2, Metrics Development, BP2	Goldstein, N C; Patrick, V; Blumsack, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/28/2013
1062225	Causal Analysis: LLNL Software Quality Assurance Program Does Not Meet DOE O 414.1D Standards and Procedures Requirements	Holman, G S; Whitney, D M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/30/2013
1068316	Performance Analysis: Issues Tracking System Data through June 2012	Kerr, C; Mctyer, N J; Holman, G; De Grange, C E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	1/31/2013
1068998	Science and Technology Review March 2013	Poyneer, L A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/4/2013
1078536	Report of On-Site Inspection Workshop-20	Sweeney, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/6/2013
1068321	Technical Basis Document for S300 Firing Facilities Waste Identification and Characterization	Rasmussen, C L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/7/2013
1069001	Imaging scattered x-ray radiation for density measurements in hydrodynamics experiments on NIF	Kuranz, C C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/7/2013
1084717	Extremal eigenpairs of adjacency matrices wear their sleeves near their hearts: Maximum principles and decay rates for resolving community structure	Henson, V; Sanders, G; Trask, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/13/2013
1069000	Report on Simulations of the Royle-Sentoku-Fuchs Experiment	Shay, H D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), L	2/14/2013

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1069002	Analysis of 2012 Meteorological Data from the Knolls Atomic Power Laboratory and Kesselring Site Operations Facilities	Aluzzi, F J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/14/2013
1069004	A Tri-Lab Programmatic Model for Nuclear Weapons Records Retention	Lownsbery, B; Shalles, S; Monson, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/14/2013
1076559	XML Network Description Language (XNDL) for ns-3	Banks, L E; Barnes, P D; Jefferson, D R; Nikolaev, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/15/2013
1073106	EFFECT OF AGING ON THE SAFETY AND SENSITIVITY OF NITROGLYCERIN/NITROCELLULOSE MIXTURES	Hsu, P C; Hust, G; Zhang, M; Reynolds, J; Schmidt, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/19/2013
1069008	Solving The Long-Standing Problem Of Low-Energy Nuclear Reactions At The Highest Microscopic Level:Annual Continuation And Progress Report	Quaglioni, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/21/2013
1078559	A heuristic approach to rapid, automatic identification of uranium in high-resolution gamma-ray spectra	Gosnell, T	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/26/2013
1069006	The Concentration of Depleted Uranium (DU) and Beryllium (BE) in Soil and Air on Illeginni Island at Kwajalein Atoll after an AHW Flight Test	Robison, W L; Yakuma, S C; Lindman, T R; Martinelli, R E; Tamblin, M W; Hamilton, T F; Kehl, S R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	2/28/2013
1073130	Science and Technology Review April/May 2013	Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/1/2013
1070151	Physical Properties of Chemicals in PAC Revision 27 Listing	Johnson, M A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/7/2013
1070164	TORUS: Theory of Reactions for Unstable Isotopes. Year 3 report.	Thompson, I J; Escher, J E; Arbanas, G; Elster, C; Nunes, F; Mukhamedzhanov, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/7/2013
1070159	CSM 1576: Criticality Safety Evaluation of a New 3013 Calorimeter for Use Under OSP 332.032	Percher, C M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/8/2013
1077170	Laboratory Directed Research and Development FY2012 Annual Report	Craig, W W; Sketchley, J A; Kotta, P R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/11/2013
1073118	Integrated Detection of Pathogens and Host Biomarkers for Wounds	Jaing, C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/12/2013
1073112	Heavy Ion Beams and Interactions with Plasmas and Targets (HEDLP and IFE)	Friedman, A; Cohen, R H; Grote, D P; Sharp, W M; Kaganovich, I D; Koniges, A E; Liu, W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/13/2013
1073801	Disposal Systems Evaluation Framework DSEF Version 2.1 User's Manual	Greenberg, H R; Blink, J A; Sutton, M; Wolery, T J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/15/2013
1073120	Comments on the Collisionless Shock Experiments	Ryutov, D D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/18/2013
1073121	Aerodynamic drag reduction of class 8 heavy vehicles: a full-scale wind tunnel study	Ortega, J; Salari, K; Brown, A; Schoon, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/19/2013
1078539	Fast MAP Search for Compact Additive Tree Ensembles (CATE)	Prenger, R J; Chen, B Y; Marlatt, T L; Merl, D M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/21/2013
1077177	Benchmark Imagery Project Selection of Real World Images for Creating Composite Images of Facilities	Goforth, J W; Gaines, L R; White, W T; Pope, P A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/27/2013
1077176	Annual Progress Report for the Resource for the Development of Biomedical Accelerator Mass Spectrometry	Kulp, K	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/29/2013
1088469	Modeling Thermally Induced Failure of Brittle Geomaterials	Walsh, S C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	3/29/2013
1077178	Advanced discrete-continuum methods for dynamic loading of tunnels by ground shocks	Vorobiev, O	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/1/2013
1077186	SMALL-SCALE SAFETY TEST REPORT FOR BUTYL NITRATE	Hsu, P C; Reynolds, J G	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/4/2013
1077182	Second Generation Toolset for Calculation of Induced Seismicity Risk Profiles	Foxall, W; Savy, J; Johnson, S; Hutchings, L; Trainor-Guitton, W; Chen, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/10/2013
1078540	A Case for Improved C++ Compiler Support to Enable Performance Portability in Large Physics Simulation Codes	Hornung, R D; Keasler, J A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/10/2013
1077173	Testbed Environment for Space Situational Awareness	Leek, J R; Fassenfest, B J; Springer, H K; Phillion, D W; Nikolaev, S; Jiang, M; Levatin, J L; Pertica, A J; de	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/11/2013
1078545	High-Ti-concentration aerogels for bright x-ray sources	Perez, F; Patterson, J R; May, M; Emig, J; Colvin, J; Biener, M; Wittstock, A; Satcher, J H; Gammon, S A;	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/11/2013
1077185	Mapping Diffuse Seismicity for Geothermal Reservoir Management with Matched Field Processing: Year 2 Report	Templeton, D C; Harris, D B; Wang, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/15/2013
1077187	DOE Computer Graphics Forum 2013 Site Survey	Brugger, E S; Springmeyer, R R; Laney, D E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/15/2013
1077181	HERMES Model Modifications and Applications 2012	Reaugh, J E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/16/2013
1078546	Lorenz APIs and REST Services	Long, J W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/17/2013
1077183	Data Measured on Water Collected from Fall River Springs, California	Rose, T P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/18/2013
1078547	Modularity and adaptability	Banks, J W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/19/2013
1078543	Micro-Anatomy Imager	Demos, S G	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/22/2013
1079661	Development of a Generalized Methodology for Soil-Structure Interaction Analysis Using Nonlinear Time-Domain TechniquesNEAMS Program, DOE Office	Solberg, J M; Hossain, Q; Blink, J A; Bohlen, S R; Mseis, G; Greenberg, H	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/22/2013
1084700	A Memory-mapped Approach to Checkpointing	Wong, D; Lloyd, G S; Gokhale, M B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/22/2013
1097752	A Fundamental Investigation on the Structural Dynamics of Model Siloxane Networks under Extreme Pressure	Harley, S J; Lewicki, J P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/24/2013
1078558	Post - Computer Simulation of an Electrostatic Generator - Example Case	Post, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/25/2013
1078549	Compositional Dataflow Via Abstract Transition Systems	Bronevetsky, G; Burke, M; Ananthakrishnan, S; Zhao, J; Sarkar, V	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/30/2013
1088459	XNDL: METIS Partitioning Process	Banks, L E; Barnes, P D; Jefferson, D R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/30/2013
1090007	2012 Computation Annual Report	Crawford, D L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	4/30/2013
1079656	A Python Object Oriented & Data Driven Testing Infrastructure for an Environmental Information Management System	Barbosa, E; Laguna, G W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/1/2013

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1079653	Active Measurement of the Impact of Network Switch Utilization on Application Performance	Guix, M C; Bronevetsky, G	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/2/2013
1079655	A Variational Method for Interpolation Between Zone Centers in 2-D Geometry	Brooks, E D; Szoke, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/2/2013
1080399	Active Measurement of Memory Resource Consumption	Guix, M C; Bronevetsky, G	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/2/2013
1084704	Science and Technology Review June 2013	Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/2/2013
1079654	Performance Characterization of LLNL HPC Codes	Bhatele, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/3/2013
1084702	Assesment of the 3H(n,2n) Reaction for NIF-relevant Simulations	Jurgenson, E; Hoffman, R; Summers, N; Caggiano, J; Quagliani, S; Sepke, S; Cerjan, C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/6/2013
1080397	Forensic Analysis of samples from the Nuclear Fuel Cycle	Borg, L; Hutcheon, I	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/8/2013
1080409	Design of the Energy Partitioning Energy Coupling (EPEC) NIF Experiment	Kane, J O; Brooksby, C A; Brown, C G; Compton, S M; Dunlop, W H; Fournier, K B; Lomov, I N; Masters, N D;	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/10/2013
1080412	An Efficient Inclusion Test for A Massive Point Distribution	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/10/2013
1080400	Can The Order of Convergence Be Higher Than the Number of Function Values Used? Part (1)	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/12/2013
1080402	Progress in 2012-2013 on HEDLP LAB 11-583 Eagle Nebula	Kane, J O	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/13/2013
1082420	A Mesh Relaxation Study and Other Topics	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/15/2013
1084709	Tracer Particle Locations with Curved or Arbitrary Planar Meshes	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/17/2013
1084699	Reaction of Gold with Indium Below 50C: Radius Loss Delta R and Standard Deviation Sigma of Soldered 4 mil Wires at 100 Years Predicted from Measured	Siekhaus, W J; Go, J; Biener, M; Jensen, S A; Havstad, M A; Cheng, J; Hrousis, C A; Chiba, Z; Oldaker, M E;	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/20/2013
1088467	Guideline for the Implementation of Safeguards into the Design Process for Nuclear Reactors	Farley, D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/20/2013
1084701	User-Specified and Automatic Data Layout Selection for Portable Performance	Sharma, K; Karlin, I; Keasler, J; McGraw, J; Sarkar, V	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/21/2013
1084703	Building 419 Closure Report - May 2013	Abri, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/21/2013
1084706	Modeling Electro-Magnetic Fields from HE Explosions	Kuhl, A L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/22/2013
1084713	On High Order Finite-Difference Metric Discretizations Satisfying GCL on Moving and Deforming Grids	Sjogreen, B; Yee, H C; Vinokur, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/23/2013
1088421	National Ignition Campaign Program Completion Report	Baisden, P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/28/2013
1088429	The 2D 'Shock-Jet' Problem	Morgan, B E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	5/30/2013
1088441	Compiling MPI for Many-Core Systems	Bronevetsky, G; Friedley, A; Hoefler, T; Lumsdaine, A; Quinlan, D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/3/2013
1088479	Imaging of molybdenum erosion and thermography at visible wavelengths in Alcator C-Mod ICRH and LHCD discharges	James, A N; Brunner, D; LaBombard, B; Lau, C; Lipschultz, B; Miller, D; Reinke, M L; Terry, J L; Theiler,	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/3/2013
1088440	Battery electrode preparation, assembly, and testing procedures: LiFePO4	Wang, Y	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/7/2013
1088445	Final Report on Subcontract B601287: Auxiliary Space Preconditioners and Algebraic Multilevel Solvers for Systems of PDEs	Brannick, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/7/2013
1088454	EEBHub Navy Yard Sankey Diagram Energy Analysis Final Report	Singer, S; Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/7/2013
1088437	Application Co-design Plexus	Belak, J; Swaminarayan, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/10/2013
1088418	Repository Layout and Required Ventilation Trade Studies in Clay/Shale using the DSEF Thermal Analytical Model	Greenberg, H R; Blink, J A; Buscheck, T A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/11/2013
1088451	Nucleic-Acid Signatures at Three Levels of Readiness for Biowatch	Mariella, R P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/11/2013
1088424	Summary of LIFE Delivery Plan	Anklam, T M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/12/2013
1088425	Gamma ray imaging of the imploding shell using NIS hardware	Izumi, N; Tommasini, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/12/2013
1088458	High Energy Repetition-Rate Average-Power Laser Driver (HERALD) for the Dynamic Compression Sector (DCS) at the Advanced Photon Source (APS)	Bayramian, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/14/2013
1088450	Signal, noise and resolution in linear and nonlinear structured-illumination microscopy	Ingerman, E A; London, R A; Gustafsson, M L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/17/2013
1088457	Contribution to the development of DOE ARM Climate Best Estimate Data (ARMBE) products: Land Surface Forcing and Evaluation Data Set (ARMBE-LAND)	Jin, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/17/2013
1088433	Comparison of CES-21 efforts and programs and projects currently conducted through	May, D W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/18/2013
1088435	Year 4 Report Multiplex Assay Development for Detection of Potential Bioterrorism Agents in Food Matrices	Arani, P N	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/18/2013
1088476	A General Dead-Zone Predicted With The Detonation Shock Dynamics	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/18/2013
1088477	Lawrence Livermore National Laboratory National Emission Standards for Hazardous Air Pollutants (NESHAPs) 2012 Annual Report	Wilson, K; Bertoldo, N; Gallegos, G; MacQueen, D; Wegrecki, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/18/2013
1088442	Applications of Geothermally-Produced Colloidal Silica in Reservoir Management - Smart Gels	Hunt, J D; Ezzedine, S M; Bourcier, W; Roberts, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/19/2013
1090011	Scoping Thermal Analysis of Alternative Dual-Purpose Canister Disposal Concepts	Greenberg, H R; Wen, J; Buscheck, T A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/23/2013
1088481	Improvised Nuclear Device Technical Basis CalEMA RNER Framework Supplement	Stewart, D L; Buddemeier, B R; Valentine, J E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/27/2013
1088478	Radiological Dispersal Device Shelter & Evacuation Technical Basis CalEMA RNER Framework Supplement	Buddemeier, B R; Wood-Zika, A R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/28/2013

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1090008	Evaluation of Thermodynamic Data	Wolery, T J; Sutton, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	6/28/2013
1088466	Description of Synthetic Model Building and Image Compositing Processes	Goforth, J; Gaines, L; White III, W T; Pope, P A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/1/2013
1088471	Post - Power Energy Densities for LLNL EMB	Post, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/1/2013
1088494	Comparison between the United States and United Kingdom Criticality Safety Personnel Training Program Guidance	Wysong, A R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/8/2013
1093422	X-ray Nanoscope for Electronics Assurance	Martz, H E; Kallman, J S; Divin, C J; Azevedo, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/10/2013
1090009	Criticality Safety Evaluation of the Creation of SCCC Hx under OSP 332.191	Goldberg, H	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/18/2013
1090027	Lorenz: Using the Web to Make HPC Easier	Long, J W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/18/2013
1090032	LULESH 2.0 Updates and Changes	Karlin, I; Keasler, J; Neely, J R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/22/2013
1093403	Advanced Simulation and Computing Fiscal Year 14 Implementation Plan, Rev. 0	McCoy, M; Alvin, K; Archer, B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/23/2013
1090005	Size Distribution and Oxide Thickness of Uranium Micro-Spheres	Siekhaus, W J; Teslich, N E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/25/2013
1092525	Np(V) Sorption and Diffusion on Montmorillonite Clay Progress Report M4FT-13LL08060327	Zavarin, M; Kersting, A B; Begg, J D; Benedicto-Cordoba, A; Zhao, P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/26/2013
1090018	A Time Dependent ODE Conversion Of The Detonation Shock Dynamics Evolution Equation	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/31/2013
1090817	Experimental Determination of the 12 rad Line Around Bldg 332 from a Maximum Credible Criticality Accident	Hankins, D E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	7/31/2013
1090006	User Interface Design and Development for the Enhanced Radiological Nuclear Inspection and Evaluation (ERNIE) Tool Internship Report	Dueno Ortiz, B G; Jacomb-Hood, T W; Labov, S E; Nelson, K	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/2/2013
1090010	Algorithm Development for the Enhanced Radiological Nuclear Inspection and Evaluation (ERNIE) Tool	Jacomb-Hood, T W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/2/2013
1093920	Preparing Communities for Nuclear Terrorism	Stewart, D L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/2/2013
1090034	Site Treatment Plan, Radioactive and Hazardous Waste Management, Internal Tracking Spreadsheet, Pre- 3-95	Terusaki, S; Byrne, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/6/2013
1090820	Simulated PVT Detector Response with Unshielded/Shielded SNM and Mixed Radionuclides	Holzaepfel, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/6/2013
1093414	Receiver Operating Characteristic (ROC) Curves: An Analysis Tool for Detection Performance	Candy, J V; Breitfeller, E F	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/8/2013
1093423	Stability of Intrinsic Pu colloids in the Presence of Montmorillonite at 25 and 80C: High-fired and freshly prepared PuO2 oxides	Zhao, P; Kersting, A B; Dai, Z; Zavarin, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/8/2013
1093401	Science and Technology Review September 2013	Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/9/2013
1093406	An optimized bioink for three-dimensional printing of endothelial cells into a vascular-like structure.	Dimengo, K M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/9/2013
1093409	Field Testing of the COTS DESI/DART-MS/MS System Against High Explosives Residues	Alcaraz, A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/9/2013
1093893	Gravity Gradiometry: A Novel Application for Compressed Sensing	McNally, R L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/9/2013
1093910	Isothermal DNA Assay to Detect Drug-Resistant Tuberculosis for Point-of-Care Diagnostics	Lau, J W; Baker, B R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/12/2013
1093908	Disposal Systems Evaluation Framework DSEF Version 3.0 User Manual	Greenberg, H R; Blink, J A; Sutton, M; Buscheck, T A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/13/2013
1096594	Technoeconomic Evaluation of MEA versus Mixed Amines for CO2 Removal at Near-Commercial Scale at Duke Energy Gibson 3 Plant	Jones, D A; McVey, T; Friedmann, S J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/15/2013
1093902	Presentations by MIIIS-LLNL Safeguards Policy Interns	Anzelon, G A; Davydov, J S; Park, K K; McCarthy, K T; Kuwata, Y A; Wilbourne, J L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/19/2013
1091373	Large-Scale Stochastic Optimization for Unit Commitment and Economic Dispatch	Meyers, C A; Yao, Y; Edmunds, T A; Smith, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/20/2013
1093907	DHS-STEM Summer Internship Report	Harrison, S E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/21/2013
1092508	Crystal Williams NNSA Essay	Williams, C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/22/2013
1093890	DHS HS-STEM Summer Report	Patel, Y H; Conway, A M; Swanberg, E L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/22/2013
1093917	Age Dating of SRM U050: LLNL Results	Williams, R W; Gaffney, A M; Schorzman, K C; Villa, A C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/23/2013
1093412	Analyses: Environmental Monitoring Well ER-20-5 #1 Pu data	Zavarin, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/28/2013
1093417	Analyses: Environmental Monitoring Well ER-20-5 #3 Pu data	Zavarin, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/28/2013
1096591	Science and Technology Review October/November 2013	Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	8/29/2013
1097760	Applying QMU to Nuclear Weapon Stewardship	Raboin, P J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/3/2013
1093895	Data Management Technology Survey and Recommendation	Epperly, T. G. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Agarwal, D.	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/5/2013
1104519	Handling and characterization of glow-discharge polymer samples for the light gas gun	Akin, M C; Chau, R; Jenei, Z; Lipp, M J; Evans, W J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/6/2013
1097735	EEB Hub Regional Sankey Diagram: Philadelphia Authority for Industrial Development Historical and Forecast Energy by Planned Use at the Philadelphia	Singer, S L; Simon, A J; Goldstein, N	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/10/2013
1093894	Lambda and Anti-Lambda production in the ALICE experiment at the LHC.	Carmona, R; Soltz, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/11/2013
1093898	FINAL REPORT (MILESTONE DATE 9/30/13) FOR SUBCONTRACT NO. B603393: "CLUSTERING AND RANDOMIZATION FOR LARGE GRAPHS AND HYPERGRAPHS"	De Sterck, H	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/11/2013

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1093921	Kshort Production in ALICE at the LHC	Tyler, M; Soltz, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/11/2013
1093922	Strangeness Production in ALICE at the LHC	Harton, A; Carmona, R; Tyler, M; Soltz, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/11/2013
1097709	Gamma-ray Emission After Neutron Capture: Modeling for Excitation Energies Involving Strongly Overlapping Resonances	Escher, J E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/11/2013
1093892	Predictive Science Panel Unclassified Report, LLNL Meeting	Adams, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/12/2013
1097763	Application of Subspace Detectors to 2012 Sumatera Earthquake Sequence	Dodge, D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/13/2013
1097764	A study of fluid-structure interaction on overlapping grids with a focus on flexible beams	Main, G A	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/13/2013
1097754	Simulation of Betatron X-Ray Radiation as an Indirect Measurement of Electron Trajectories in a Laser-Wakefield Accelerator	Chaves, N M; Albert, F; Pollock, B B; Ralph, J E; Moody, J D	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/16/2013
1097768	Assessment of Land Surface Model Performance in WRF for Simulating Wind at Heights Relevant to the Wind Energy Community	Wharton, S; Simpson, M; Osuna, J; Newman, J; Biraud, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/16/2013
1097710	Ensemble Feature Selection in Scientific Data Analysis	Sisto, A; Kamath, C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/20/2013
1097747	Final Report on ORDER No. 5312-20110620-JOHNSON-01ITER: Core Imaging X-Ray Spectrometer Conceptual Design Review Support	Beiersdorfer, P	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/20/2013
1097733	2013 LIDAR Campaign at Buena Vista Wind Farm: An Examination of Hill Speedup Flows	Wharton, S; Qualley, G; Newman, J; Miller, W	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/25/2013
1097767	2013 LLNL Nuclear Forensics Summer Program	Kersting, A B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/26/2013
1097722	Chlorite Dissolution Kinetics at Variable pH and Temperatures up to 275C	Carroll, S; Smith, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/30/2013
1097726	Modeling Context Bias	Velsko, S P; Thompson, W C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/30/2013
1097728	FY13 TPC Initial Data Run	Heffner, M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	9/30/2013
1104520	METAL ARTIFACT REDUCTION FOR CT-BASED LUGGAGE SCREENING	Karimi, S S; Cosman, P C; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/4/2013
1097762	Construction Cost Estimate Livermore Site Solar Generation Project	Quinly, C E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/8/2013
1097765	LBS GatlingGun13A	Martinez, D; Kane, J O; Heeter, R; Casner, A; Mancini, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/9/2013
1097770	Benchmark Imagery for Assessing Geospatial Semantic Content Extraction Algorithms Final Report	White, W T; Pope, P A; Goforth, J W; Gaines, L R; Prasad, L; Hojnacki, S M; Ranken, D R; Roberts, R S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/10/2013
1097716	Carbonate solutions for carbon capture: A summary	Stolaroff, J K	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/11/2013
1104525	FY13 LLNL OMEGA Experimental Programs	Heeter, R F; Fournier, K B; Baker, K; Brown, G V; Casey, D; Celliers, P; Fratanduono, D; Hawrelak, J;	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/14/2013
1108835	Implementation of a Thermomechanical Model in Diablo for the Simulation of Selective Laser Melting	Hodge, N; Ferencz, R M; Solberg, J M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/14/2013
1108828	Alternatives to the Maroni Process for Tritium Recovery in Fusion Reactors: Avoiding Volatile Hydrogen Fluoride and High-Temperature High-Speed Rotating	Farmer, J; El-Dasher, B; Bandhauer, T; Rubenchik, A; Reyes, S; Dunne, M; Moses, E	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/15/2013
1097771	Final Report --- First principles modeling of microscopic scintillation mechanisms	Sadigh, B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/16/2013
1108857	Thoughts on Uncertainties in the Moments Formalism of the Statistical Theory of Fission Chains	Walston, S	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/21/2013
1104528	Program Notes	Xu, H	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/23/2013
1108868	Final Report to B&W Y-12 for MPO4300089700, Rev. 1	Mok, G C	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/23/2013
1108831	Final Report: "Sensitivity Study of LIFE Chamber Dynamics"	Pantano-Rubino, C; Uddin, H; Kramer, R	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/25/2013
1108832	LIFE Reactor Study Fiscal Year 2013 Contract Report	Sacks, R; Moses, G	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/25/2013
1108865	Optical System Case Studies for Speckle Imaging	Carrano, C J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/25/2013
1108867	ALTERNATIVE METHODS FOR TRITIUM RECOVERY FROM THE LIFELITHIUM BLANKET: FY13 FINAL REPORT	Bandhauer, T; Adler, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/25/2013
1108872	LLNL HEPA Filter Support of Nuclear Facility Safety R&D (FY12)	Mitchell, M A; Brown, E; Haslam, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/25/2013
1108837	Particle Simulation of High-Intensity X-Ray Laser Interaction	More, R M	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/29/2013
1108842	Functional Bounding Content Envelope for Gamma and Neutron Emitting Isotopes in the Model 9977 Packaging	Sitaraman, S; Kim, S; Anderson, B	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/29/2013
1108850	Isotopes and Applications Working Group: Report update October 2013	Stoyer, M A; Ressler, J J; Sherrill, B; Lapi, S; Peaslee, G; Couture, A; Chupp, T	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	10/29/2013
1108830	Year-End ReportSubcontract No. B599727 LLNL and the University of Oklahoma	Newman, J F	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	11/4/2013
1108834	Simulation of Wind Turbine Performance and Loading Patterns using a Coupled Meso-scale/Micro-scale Flow Analysis Model	Sitaraman, J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	11/4/2013
1108864	Bispectral Speckle Imaging Algorithm Performance on Specific Simulated Scenarios	Carrano, C J	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	11/4/2013
1108841	REPORT ON THE NDC CAPACITY BUILDING AND REGIONAL SEISMIC TRAVEL TIME WORKSHOP AND TRAINING	Myers, S C; Begnaud, M L	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), U	11/5/2013
1086958	Gas Cherenkov Counters	Atkinson, John H; Perez-Mendes, Victor	TR	LBL	LBL (Lawrence Berkeley National Laboratory) (LBL)	7/5/2013
1059397	The Story of Los Alamos, 1943 to 1970	Carr, Alan B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/3/2013
1059399	Effect of Ba2YTaO6 addition on the Irreversibility Line of YBa2Cu3O7 films	Rouco, Victor [Institut de Ci�ncia Materials de Barcelona, Spain]; Puig, Teresa [Institut de Ci�ncia	TR	LANL	Los Alamos National Laboratory (LANL)	1/4/2013

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1059400	Addressing signal recovery challenges in pulsed field environment	Balakirev, Fedor F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/4/2013
1059403	Design and Application of TIMS-Based Thorium Measurement Methods in the Actinide Analytical Chemistry Group at Los Alamos National Laboratory	Stanley, Floyd E. [Los Alamos National Laboratory]; Spencer, Khalil J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/4/2013
1059404	Parametric Model of Debris Penetration Through Sump Strainers with Concurrent Filtration and Shedding	Letellier, Bruce C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/7/2013
1059405	Summary of Los Alamos National Laboratory Science, Technology and Engineering Metrics - January 2013	Springer, Everett P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/7/2013
1059407	Site-Representative Biota Concentration Guides at Los Alamos	McNaughton, Michael [Los Alamos National Laboratory]; Fresquez, Philip R. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	1/7/2013
1059408	Fuel Cycle Research & Development Technical Monthly - November 2012	Miller, Michael C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/7/2013
1059885	Biota Dose Assessment at LANL for 2011	McNaughton, Michael [Los Alamos National Laboratory]; Eisele, William F. Jr. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	1/8/2013
1059887	Enhanced Separation Efficiency in Olefin/Paraffin Distillation (Final report)	Yang, Dali [Los Alamos National Laboratory]; Currier, Robert P. [Los Alamos National Laboratory]; Le, Loan A.	TR	LANL	Los Alamos National Laboratory (LANL)	1/9/2013
1059872	Constellation Study for Optimized Target Access and Coverage	Roussel-Dupre, D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/11/2013
1059873	Model-driven decision support for monitoring network design based on analysis of data and model uncertainties: methods and applications	Vesselinov, Velimir V. [Los Alamos National Laboratory]; Harp, Dylan R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/11/2013
1059874	Summary Report on the Testing of Flow Formed 3013 Outer Containers Manufactured by Dynamic Flowform Inc. as a Supplement to SRS Requirement G	Lloyd, Jane A. [Los Alamos National Laboratory]; McKee, Steven D. [Los Alamos National Laboratory]; Breshears,	TR	LANL	Los Alamos National Laboratory (LANL)	1/11/2013
1059876	DOSE RATES AND FLUENCES FOR THE TA-55 TRU WASTE CERTIFICATION PILOT PROJECT	Belooussova, Olga N. [Los Alamos National Laboratory]; Gonzalez, Daniel A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/11/2013
1059877	Berezinskii-Kosterlitz-Thouless Transition in Heavy Fermion Superlattices	She, Jianhuang [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/13/2013
1059871	A Multi-scale Approach to Statistical and Model-based Structural Health Monitoring with Application to Embedded Sensing for Wind Energy	Taylor, Stuart G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2013
1059878	An Overview of Training at Los Alamos National Laboratory	Zwick, Bill D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2013
1059879	Development of an Interface-Dislocation Dynamics Model to Incorporate the Physics of Interfaces in Predicting the Macroscopic Mechanical Properties of	Wang, Jian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2013
1060362	H-Pu-Vacancy Measurements	Richmond, Scott [Los Alamos National Laboratory]; Schwartz, Daniel S. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/16/2013
1060364	You Never Know Who is Going to Walk Through the Door - The Interesting Life of Radiochemistry	Lamont, Stephen P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/16/2013
1060366	Nonlinear Signal Processing for Removing Microphonic Noise from Nuclear Spectrometer Measurements: Sparse Linear Modeling via L1 Norm	Mascarenas, David D. [Los Alamos National Laboratory]; Long, Rose [Los Alamos National Laboratory]; Iliev,	TR	LANL	Los Alamos National Laboratory (LANL)	1/16/2013
1060367	A Free Energy Analysis of the Stability of Erbium oxide with respect to Plutonium metal, Plutonium Hydride Solid and Hydrogen Gas at Temperatures	Taylor, Christopher D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2013
1060369	Initial Leak Analysis for Water Main from the Back Gate to TA-39	Klose, Joseph W [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2013
1060370	Hand-Stacking and Remote Approach to Critical Using the Planet Assembly	Sanchez, Rene G. [Los Alamos National Laboratory]; Bounds, John Alan [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2013
1060373	Second Line of Defense Program Secondary Screening "Conversational" Questions	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/18/2013
1060374	Nonconvex optimization and the high-dimensional geometry of video	Chartrand, Rick [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/18/2013
1060375	NEN-1 Fuel Rod Imaging Analysis	Esch, Ernst I. [Los Alamos National Laboratory]; Bridgewater, Jon S. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/18/2013
1060376	Neutron Capture Cross Section of 239Pu	Mosby, Shea M. [Los Alamos National Laboratory]; Arnold, Charles [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/22/2013
1060898	A high resolution ionization chamber for the SPIDER fission fragment detector	Meierbachtol, Krista C. [Los Alamos National Laboratory]; Tovesson, Fredrik K. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	1/22/2013
1060892	Los Alamos National Laboratory Fall Avian Migration Monitoring Report 2010-12	Hathcock, Charles D. [Los Alamos National Laboratory]; Mahowald, Hallie B. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/24/2013
1060903	Interactive Machine Learning in Data Exploitation	Porter, Reid B. [Los Alamos National Laboratory]; Theiler, James P. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/24/2013
1060904	Time Reversal applied to Ionosphere seismology	Larmat, Carene [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/24/2013
1060905	Acoustique non lineaire a Los Alamos	Le Bas, Pierre-Yves [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/24/2013
1060906	Groups in EIM/Intellus New Mexico: Definitions and Naming Conventions	Perkins, Courtney A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/24/2013
1060901	B2R1 Version Description Document (VDD) Unattended and Remote Monitoring Baseline 2 Revision 1 Software	Longo, Joseph Francis [Los Alamos National Laboratory]; Moore, Peggy [N-1, (retired 2008)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/25/2013
1060902	Multi-Instrument Collect User's Manual Version 2.0.0.8	Longo, Joseph Francis [Los Alamos National Laboratory]; Pelowitz, David [N-1 (Retired 2008)]; Moore, Peggy [N-1	TR	LANL	Los Alamos National Laboratory (LANL)	1/25/2013
1060907	Neutron-induced fission measurements at the DANCE and LSDS facilities at LANL	Jandel, Marian [Los Alamos National Laboratory]; Bredeweg, Todd Allen [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/25/2013
1060908	Physics-Based Constraints in the Forward Modeling Analysis of Time-Correlated Image Data, (Long Version)	Carroll, James L. [Los Alamos National Laboratory]; Tomkins, Christopher D. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	1/25/2013
1060893	Short-bunch stacking mode for the PSR - an overview	Jason, Andrew J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2013
1060894	Stability and parameter determination for injection and extraction in the PSR short-bunch mode	Jason, Andrew J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2013
1060895	First-order beam dynamics and RF parameters for the PSR short-bunch ("pulse-stacking") mode	Jason, Andrew J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2013
1060909	Neutron Leakage Spectrum from a Pulsed Uranium Sphere	Shores, Erik F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2013
1060911	MaRIE XFEL Update	Carlsten, Bruce E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2013
1062161	Hydra-TH Advanced Capabilities (L3 Milestone THM.CFD.P6.01)	Bakosi, Jozsef [Los Alamos National Laboratory]; Christon, Mark A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2013

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1062162	Improvements of Nuclear Data and Its Uncertainties by Theoretical Modeling	Talou, Patrick [Los Alamos National Laboratory]; Nazarewicz, Witold [University of Tennessee, Knoxville,	TR	LANL	Los Alamos National Laboratory (LANL)	1/30/2013
1062163	MST e-News January 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/30/2013
1062151	Load Temperature Response of PDMS foam materials.	Cady, Carl M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2013
1062164	MPA Materials Matter January 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2013
1062165	Subcritical Alpha Measurements	Rawool-Sullivan, Mohini [Los Alamos National Laboratory]; Hayes, David K. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2013
1062153	Experimental Investigation of Mechanical Properties of Stress-Cushion Foams	Liu, Cheng [Los Alamos National Laboratory]; Lovato, Manuel L. [Los Alamos National Laboratory]; Cady, Carl	TR	LANL	Los Alamos National Laboratory (LANL)	2/1/2013
1062154	Report on Design of Spent Fuel Mockup Differential Dieaway Experiments	Swinhoe, Martyn T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/1/2013
1062155	Passive Neutron Analysis	Hutchinson, Jesson D. [Los Alamos National Laboratory]; Smith-Nelson, Mark A. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	2/1/2013
1062156	National Criticality Experiments Research Center: Capabilities and Experiments	Hutchinson, Jesson D. [Los Alamos National Laboratory]; Hayes, David K. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/4/2013
1062157	Delayed-Neutron and Delayed-Photon Dose-Rate Estimations for Chemical Processing of Spent Fuel Using MCNP6	Durkee, Joe W. Jr. [Los Alamos National Laboratory]; Dasari, Venkateswara R. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	2/4/2013
1062158	Power-Aware Data Center Project: Final Report	Pakin, Scott D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/4/2013
1062159	A molecular dynamics study of anisotropy and the effect of Xe on UO2 thermal conductivity	Du, Shiyu [Los Alamos National Laboratory]; Gofryk, Krzysztof [Los Alamos National Laboratory]; Andersson,	TR	LANL	Los Alamos National Laboratory (LANL)	2/4/2013
1062160	LANSCE: Overview of Radioactive Air Emissions Monitoring (RAEM) program	Knight, William J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/5/2013
1062703	Characterization and Computer Modeling for Brunelleschi's Dome of Santa Maria del Fiore in Florence.	Keller, Charles F. Jr. [Los Alamos National Laboratory]; Salmon, Michael W. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2013
1062704	SWEIS Yearbookâ€”2011 Comparison of 2011 Data to Projections of the Site-Wide Environmental Impact Statement for Continued Operation of the Los	Wright, Marjorie Alys [Los Alamos National Laboratory]; Mahowald, Hallie B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2013
1062707	Overview of Melting Equipment in the LANL Sigma Foundry	Aikin, Robert M. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2013
1062708	Theoretical Treatment of Pressure Gradients in One-Dimensional, Inhomogeneous, Compressible Media	Letellier, Bruce C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2013
1062710	Stabilizing a laboratory plasma column beyond the external kink limit	Sears, Jason A. [Los Alamos National Laboratory]; Intrator, Thomas P. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2013
1062699	Fuel Cycle Research & Development Technical Monthly - December 2012	Miller, Michael C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/8/2013
1062700	Measurement Human Cognitive Working Memory Capacity under Vibro-Tactile Stimulation	Mascarenas, David D. [Los Alamos National Laboratory]; Choi, Yunshil [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/8/2013
1062697	The Prometheus Magneto-Inertial Fusion Research Facility	Wurden, Glen A. [Los Alamos National Laboratory]; Reass, William A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/11/2013
1062701	Data Assimilation with GITM	Godinez Vazquez, Humberto C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/11/2013
1063248	PARTISN on Advanced/Heterogeneous Processing Systems	Baker, Randal S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2013
1063251	Halogen Leak Detection at DAHRT	Salzman, Sonja L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2013
1063252	Multidimensional Discrete Ordinates Transport on Massively Parallel Architectures	Azmy, Youstry [Los Alamos National Laboratory]; Zerr, Robert J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2013
1063253	FUNCTIONAL ANALYSIS OF THE LIPPMANN-SCHWINGER EQUATION FOR THE DETERMINATION OF THE POINTWISE MECHANICAL AND TRANSFORMATION	Williams, Todd O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2013
1063254	Computational material design for energy and gas storage applications	Gonzales, Ivana [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2013
1063243	Backpack Laser Induced Breakdown Spectroscopy System Users Manual	Barefield, James E. [Los Alamos National Laboratory]; Le, Loan A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/15/2013
1063244	Subsurface Flow and Transport Capabilities	Viswanathan, Hari S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/19/2013
1063246	FINAL REPORT Multipurpose Acoustic Sensor for Downhole Fluid Monitoring	Pantea, Cristian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/19/2013
1063242	Transuranic Waste Facility: Evaluation of Material-at-Risk Limits	Balkey, Simon [Los Alamos National Laboratory]; Singell, Terry J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/20/2013
1063917	A Vibro-Haptic Human-Machine Interface for Structural Health Monitoring	Mascarenas, David D. [Los Alamos National Laboratory]; Kim, Hyeongcheol [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/20/2013
1063919	Density Functional Study of the Structure, Stability and Oxygen Reduction Activity of Ultrathin Platinum Nanowires	Gonzales, Ivana [Los Alamos National Laboratory]; Henson, Neil J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/20/2013
1060361	ASCEM Pumping Test Capabilities: Benchmarking and Demonstration for UGTA at U-Å-20 WW	Harp, Dylan R. [Los Alamos National Laboratory]; Kwicklis, Edward M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2013
1063914	Continuous Energy Neutron Cross Section Data Tables Based upon ENDF/B-VII.1	Conlin, Jeremy Lloyd [Los Alamos National Laboratory]; Parsons, Donald K. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2013
1063921	Double Beta Decay: Is the Neutrino Mass within Reach?	Elliott, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2013
1063922	Double Beta Decay, Neutrino Mass and the MAJORANA Project	Elliott, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2013
1063923	Materials @ LANL Overview	Teter, David F. [Los Alamos National Laboratory]; Taylor, Antoinette [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2013
1063909	ANALYSIS REPORT ON NRL PLASMA FORMULARY DT REACTION-RATE FORMULA	Langenbrunner, James R. [Los Alamos National Laboratory]; Booker, Jane M. [UNM]	TR	LANL	Los Alamos National Laboratory (LANL)	2/22/2013
1063910	Uranium and plutonium prompt-fission-neutron energy spectrum (PFNS) from the analysis of NTS NUEX data	Lestone, John P. [Los Alamos National Laboratory]; Shores, Erik F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/22/2013
1063911	Fully implicit particle-in-cell algorithms for kinetic simulation of plasmas	Chacon, Luis [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/22/2013
1063912	CFO Role in Cost Estimating and Budget Overview GAO review February 26 2013	Chadwick, Frances [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/25/2013

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1063913	Advances in Sensitivity Analysis with MCNP	Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2013
1067387	R&D for Superconducting RF Structures at Los Alamos	Tajima, Tsuyoshi [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/1/2013
1067388	Physics Flash February 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2013
1067389	AOT & LANSCE The Pulse February 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2013
1067390	Neutron Capture Cross Section of 239Pu	Mosby, Shea M. [Los Alamos National Laboratory]; Arnold, Charles [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2013
1067392	Ultrafast Laser Fabrication: a Rapid Prototyping Capability for CINT	McCulloch, Quinn [Los Alamos National Laboratory]; Dattelbaum, Andrew M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2013
1068199	Double Beta Decay	Elliott, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/5/2013
1068202	Muon Radiography for Non-Destructive, Non-Invasive Assay and Long-Term Monitoring of Nuclear Fuel Debris and Fuel Assemblies.	Milner, Edward C. [Los Alamos National Laboratory]; Miyadera, Haruo [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2013
1068203	Wedgheg Manual and Interface Guide, Jayenne-7_0_0	Wollaber, Allan B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2013
1068206	Beam dynamics modeling in RFQ with CST Particle Studio	Kurennoy, Sergey S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/8/2013
1068207	PBX 9502 Literature Review: An Engineering Perspective	Shunk, Devin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/8/2013
1068208	CartaBlanca	Zhang, Duan Z. [Los Alamos National Laboratory]; Ma, Xia [Los Alamos National Laboratory]; Giguere, Paul T.	TR	LANL	Los Alamos National Laboratory (LANL)	3/8/2013
1068209	Hydrodynamic theory of diffusion in gases and plasmas	Chang, Chong [Los Alamos National Laboratory]; Chang, Hee J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2013
1068210	Dynamic volume fraction evolution in multipressure multiphase flow models	Chang, Chong [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2013
1068211	The Historical Development of Phase Transformations Understanding in Ferrous Alloys	Hackenberg, Robert E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2013
1068212	Achieving Materials functionality Designing & Assessing	Lacerda, Alex H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2013
1068217	Topologically trivial zero bias conductance peak in semiconductor Majorana wires from boundary effects	Roy, Dibyendu [Los Alamos National Laboratory]; Bondyopadhyaya, Nilanjan [Integrated Science Education]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2013
1068950	Examination of uncertainties in historical UO2 data using the flash gap technique	Fredenburg, David A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/12/2013
1068951	The Role of Los Alamos in World War II: The Historian's Cut	Carr, Alan B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068953	LANL Testing of DTRA Sponsored ARA Portable LIBS Instruments: Isotopic Module	Judge, Elizabeth [Los Alamos National Laboratory]; Barefield, James E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068955	Structural analysis of an ancient pottery by using FT-IR technique	Torres, Joseph A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068956	The Use of Dendrimers in Supercapacitors	Edwards, Stephanie L [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068957	Conducting Polymer: Polyaniline	Lin, Terri C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068958	Photographs Related to the Burning Ground Accident in 1959	Skidmore, Cary B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2013
1068961	REACTION SAMPLING IN MCATK: Using the Thermal Motion of the Target Nucleus to Perform Elastic and Inelastic Scattering (U)	Sweezy, Jeremy Ed [Los Alamos National Laboratory]; Adams, Terry R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/14/2013
1068883	High-Pressure research of energy and environmental materials: In-situ synchrotron/ Neutron diffraction study	Yu, Xiaohui [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/15/2013
1068884	2013 Predictive Science Panel Meeting Summary Report	Adams, Marvin L. [Los Alamos National Laboratory]; Beckner, Everett H. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2013
1068885	Analysis of mb-Ms Relationships for Stable and Tectonic Test Sites: Implications for Source Discrimination and Yield Estimation of North Korean Tests	Patton, Howard J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2013
1068886	Laser-Driven Counter-Propagating Shear Experiments	Doss, Forrest W. [Los Alamos National Laboratory]; Fincke, James R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2013
1060365	LANL SAVY-4000 Field Surveillance Plan	Kelly, Elizabeth J. [Los Alamos National Laboratory]; Smith, Paul Herrick [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2013
1070051	MaRIE: An experimental facility concept revolutionizing materials in extremes	Sarrao, John L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2013
1070052	LANL Energy Strategy	Sarrao, John L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2013
1070054	Small File Aggregation with PLFS	Bonnie, David J. [Los Alamos National Laboratory]; Torres, Aaron G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2013
1070055	Global Ionospheric TEC Mapping: Space Weather Monitoring & Geolocation Accuracy Improvement	Heavner, Matthew J. [Los Alamos National Laboratory]; Suszcynsky, David M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/21/2013
1070044	Quantify the Initial Enrichment, Burnup and Cooling Time of Individual Spent Fuel Assemblies for the NGSF Spent Fuel Nondestructive Assay Project	Tobin, Stephen J. [Los Alamos National Laboratory]; Menlove, Howard O. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2013
1070045	FY 2013 Engineering Campaign Weapon System Engineering Assessment Technology Mid-Year Program Review	Mas, Eric M. [Los Alamos National Laboratory]; Hartin, John R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2013
1070046	Effect of Aging on Fracture Toughness: Using Digital Image Correlation on DAP and Seabreeze	Cady, Carl M. [Los Alamos National Laboratory]; Liu, Cheng [Los Alamos National Laboratory]; Lovato,;	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2013
1070047	Plasma Paradigm Shift Document for the CoCoMANS Project	Knoll, Dana A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2013
1070049	Ten Trials at Lower Slobbovia: Searching for Repetitive Electromagnetic and Seismoacoustic Signatures in Explosions	Nemzek, Robert J. [Los Alamos National Laboratory]; Arrowsmith, Stephen J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2013
1070048	Energy Release Measurements on the Pollux Event	Obst, Andrew W. [Los Alamos National Laboratory]; Morgan, George L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2013
1072252	Bioscience Capability Quad Charts	McDonald, Rebecca E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2013
1072253	SNM Movement Detection / Radiation Sensors and Advanced Materials Portfolio Review RadSensing2011 6Li-Metal Based Neutron Detector Systems	Ianakiev, Kiril D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2013



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1072255	Bioscience at Los Alamos National Laboratory	McDonald, Rebecca E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2013
1072256	Photographs Related to the Explosives Machining Accident in 1959	Skidmore, Cary B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2013
1072258	Verification of MCNP5-1.60 and MCNP6.1 for Criticality Safety Applications	Brown, Forrest B. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2013
1072259	MPA Materials Matter March 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2013
1072231	MCNP6.1 k-Eigenvalue Sensitivity Capability: A User's Guide	Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2013
1072232	Evolutionary Enhancements to UO2	Leckie, Rafael M. [Los Alamos National Laboratory]; Luther, Erik Paul [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2013
1072260	Fuel Cycle Research & Development Technical Monthly - January 2013	Miller, Michael C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2013
1072261	Dose Assessment of LANL-Derived Residual Radionuclides in soils within Tract A-14 (Rendija Canyon) for Land Transfer Decisions	Whicker, Jeffrey J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2013
1072233	Absolute Neutron Flux Measurements of a D-T Neutron Generator	Desimone, David J. [Los Alamos National Laboratory]; Swinhoe, Martyn T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2013
1072234	Towards Understanding Resuspension	Brown, Michael J. [Los Alamos National Laboratory]; Omberg, Kristin M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2013
1072235	Materials Selection for the Lead-Bismuth Corrosion and Erosion Tests in DELTA Loop	Serrano De Caro, Magdalena [Los Alamos National Laboratory]; Woloshun, Keith A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2013
1072236	6Li based Neutron Detector Systems for Replacing 3He	Ianekiev, Kiril D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2013
1070050	Demolition Notification for Quarter Ending June 30, 2013.	Juarez, Catherine L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2013
1072230	Expedited Demolition Notification for Structure 43-0020	Juarez, Catherine L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2013
1072238	Generation II Reduced Order Models for Groundwater Impacts due to CO2 and Brine leakage	Keating, Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2013
1072240	Typhoon IB Performance	Coulter, Susan K [Los Alamos National Laboratory]; Grunau, Daryl W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2013
1072243	Twinning and De-Twinning in Hexagonal-Close-Packed Metals	Wang, Jian [Los Alamos National Laboratory]; Hirth, John P. [Hereford, AZ]; Tome, Carlos [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1072244	MAGI - Multi-Aperture GEO Imaging	Junor, William [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1072247	Climate Modeling at LANL	Jones, Philip W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1072248	Proposed ACE Covariance Format, Version 1.0	Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1072249	Fuel Cycle Research & Development Technical Monthly - February 2013	Miller, Michael C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1072250	Calorimeters for Capture Measurements on Radioisotopes	Couture, Aaron J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1073060	Materials Selection for the Lead-Bismuth Corrosion and Erosion Tests in DELTA Loop - ANNEX	Serrano De Caro, Magdalena [Los Alamos National Laboratory]; Woloshun, Keith A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2013
1073062	On the Alpha Radiation Damage to the O-Ring Seal of the SAVVY-4000 Container	Perry, Robert T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/3/2013
1073064	CartaBlanca presented to Superior Energy Service Inc.	Zhang, Duan Z. [Los Alamos National Laboratory]; Ma, Xia [Los Alamos National Laboratory]; Giguere, Paul T.	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2013
1073053	LANL Deliverable to the Big Sky Carbon Sequestration Partnership: Preliminary CO2-PENS model	Stauffer, Philip H. [Los Alamos National Laboratory]; Dai, Zhenxue [Los Alamos National Laboratory]; Lu, Zhiming	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2013
1073054	Atmosphere, Climate and Ecosystem Sciences Team Summary	Wilson, Cathy J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2013
1073055	Nature of the zero-bias conductance peak associated with Majorana bound states in topological phases of semiconductor-superconductor hybrid structures	Roy, Dibyendu [Los Alamos National Laboratory]; Bolech, C.J. [Dept. of Physics, Univ. of Cincinnati]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2013
1073056	Complex Systems Research at LANL	Alexander, Francis J [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2013
1073057	Integrating Multiple Data Views for Improved Malware Analysis	Anderson, Blake H [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2013
1073059	Monitoring and Protecting Your Identity	Hammer, Richard C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2013
1073735	The Space Science and Applications Group (ISR-1) at the Los Alamos National Laboratory: An Overview	Burward-Hoy, Jane M. [Los Alamos National Laboratory]; Reeves, Geoffrey D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2013
1073736	Study of He Bubble growth in W via Parallel Replica Dynamics	Sandoval Andrade, Luis A. [Los Alamos National Laboratory]; Perez, Danny [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2013
1073727	Emergent Properties of the Bose-Einstein-Hubbard Condensate in UO2(+x)	Conradson, Steven D. [Los Alamos National Laboratory]; Durakiewicz, Tomasz [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2013
1073728	CMIME Update on Metal-Metal Oxide Atomistic Models	Valone, Steven M. [Los Alamos National Laboratory]; Baskes, Michael I. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2013
1073730	T-shape break-up patterns in the triple photoionization of Li	Colgan, James P. [Los Alamos National Laboratory]; Armstrong, Gregory [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2013
1073731	Performance Tools for Modern Computing Architectures	Bergen, Benjamin K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2013
1073732	Getting a grip on the electrical grid	Backhaus, Scott N. [Los Alamos National Laboratory]; Chertkov, Michael [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/11/2013
1073733	Quantum Theory of the Classical: Einselection, Envariance, and Quantum Darwinism	Zurek, Wojciech H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/11/2013
1073734	Imaging One Photon at a Time	Thompson, David C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/11/2013
1073741	MST e-News March 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2013

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1073742	Accuracy of the BPS and Maynard-Deutsch Stopping Powers	Hayes, Anna C [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2013
1073743	Second Line of Defense Program Secondary Screening Field Operations Data-- Concept Tree	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2013
1073744	Second Line of Defense Program Secondary Screening Field Data Collection-- Talking Points	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2013
1073745	Understanding the magnetic ground states for improper multiferroic materials	Haraldsen, Jason T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/13/2013
1073746	Annual report on numerical study of strong terahertz radiation from cuprate superconductors	Lin, Shizeng [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2013
1073750	Fabrication and Scale-up of Polybenzimidazole (PBI) Membrane Based System for Precombustion- Based Capture of Carbon Dioxide	Krishnan, Gopala N [SRI International]; Berchtold, Kathryn A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2013
1073752	Preliminary use of PIEs in TIMS to increase sample utility in TIMS when measuring isotopic ratios of uranium progeny	Stanley, Floyd E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2013
1073753	Verification Technologies for the International Nuclear Nonproliferation Regime	Miller, Karen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2013
1073754	A Regional Integrated Assessment Model for Energy Development: The Case of Oil Shale	Pasqualini, Donatella [Los Alamos National Laboratory]; Bassi, Andrea M. [Stellenbosch University]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2013
1073755	Second Line of Defense Program, Secondary Screening Operations Questionnaire Datasheet--Users Guide	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2013
1074579	Expedited Demolition Notification for Structures at Technical Area 54	Juarez, Catherine L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2013
1074580	Analysis of dose rates to O-ring and membrane for SAVY-4000 container	Belousova, Olga N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2013
1074581	The Biggest Explosions in the Universe	Johnson, Jarrett L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2013
1074583	Los Alamos Canyon Bridge Inspections Presentation	Rodarte-Romero, Crystal J [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/17/2013
1074566	Institutional Computing Progress Reports 2013 Supplemental Slides	Collins, Lee A. [Los Alamos National Laboratory]; Ticknor, Christopher [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/18/2013
1074567	Canless HIP Development for Aluminum Cladding of LEU Fuel Foils using Electron Beam Welding	Montalvo, Joel D. [Los Alamos National Laboratory]; Papin, Pallas A. [Los Alamos National Laboratory]; Aikin,	TR	LANL	Los Alamos National Laboratory (LANL)	4/18/2013
1074568	Evaluation of Sampling Inlets for Continuous Air Monitors in Calm Air Conditions	Moore, Murray E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/18/2013
1074585	2013 Annual Report for the Institutional Computing Resources in Support of the MaRIE X-FEL Design Effort Project	Russell, Steven J. [Los Alamos National Laboratory]; Carlsten, Bruce E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/18/2013
1074565	Review of Data from Shock Physics Experiments SPE-1, SPE-2 and SPE-3: Data Corrections and Phenomenology Analysis	Steedman, David W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/19/2013
1074569	Los Alamos National Laboratory and Bioscience Division Brief	Olivares, Jose A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/19/2013
1074570	"Magnetic Fields in Star Formation"	Collins, David C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074571	Robust Measurement of Iron Plasma Parameters in Tycho's Supernova Remnant	Eriksen, Kristoffer A. [Los Alamos National Laboratory]; Hungerford, Aimee L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074572	Applying Physics to Solve National Security Challenges A Creighton Graduate's Retrospective from Los Alamos	Pongratz, Morris B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074573	Annual Report on Institutional Computing Resources	Reisner, Jon M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074574	YEARLY REPORT FOR THE PERIOD Jan-Dec 2012 IC PROJECT W12c_earthquake High-Performance Computing for Uncertainty Quantification of 3D Earth	Larmat, Carene [Los Alamos National Laboratory]; Maceira, Monica [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074575	Highlight: IC Project W11_RefractMetals Melting of a Polycrystalline Material	Preston, Dean L. [Los Alamos National Laboratory]; Burakovsky, Leonid [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074576	W12c_spewave Source Physics Experiment modeling	Larmat, Carene [Los Alamos National Laboratory]; Rougier, Esteban [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074577	Overview of Los Alamos Support to National Security Missions	Ussery, Larry E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2013
1074578	Hot Coordinate Measuring Machine Technical Specifications and Requirements (U)	Montano, Joshua D. [Los Alamos National Laboratory]; Martinez, Victor A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2013
1077027	YEARLY REPORT FOR THE PERIOD Jan-Dec 2012 IC PROJECT W12c_spewave Source Physics Experiment modeling	Larmat, Carene [Los Alamos National Laboratory]; Rougier, Esteban [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2013
1077029	A Systematic Evaluation of Traditional and Non-Traditional Data Streams for Integrated Global Biosurveillance Final Report	Deshpande, Alina [Los Alamos National Laboratory]; Brown, Mac G. [UC - Santa Barbara]; Castro, Lauren A.	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2013
1077030	Recent Advances in Neutron Measurement Techniques for UF6 Cylinder Assay	Miller, Karen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2013
1077031	Technical Assessment of the Passive Neutron Enrichment Meter (PNEM) for an Unattended Cylinder Verification Station (UCVS)	Miller, Karen A. [Los Alamos National Laboratory]; Menlove, Howard O. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2013
1077033	Performance Improvement Strategy FY14-18 Create Our Future Strengthen the Core	Hayes, Sarah M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2013
1077034	The Effect of Boron on the Thermal Sensitization of Grade A Type 304 Stainless Steel	Tokash, Justin C [Los Alamos National Laboratory]; Holby, Edward F [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2013
1077010	On the question of area weighting in cell-centered hydrodynamics	Burton, Donald E. [Los Alamos National Laboratory]; Morgan, Nathaniel R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2013
1077035	Measurements of emittance at low energy	Ekdahl, Carl A. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2013
1077036	Operating LS & VMII	Grunau, Daryl W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2013
1077037	IMPACT Project	Koller, Josef [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2013
1077038	3706 Update - April 2013	Jones, Patricia [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2013
1072251	Los Alamos Seismic Rupture Directivity Study of PF-4	MacFarlane, Eric R. [Los Alamos National Laboratory]; Lee, Richard C [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/26/2013
1077011	Multispectral Gamma-Ray Analysis Using Clover Detectors with Application to Uranium Fission Product Analysis	Horne, Steven M. [Los Alamos National Laboratory]; Jackman, Kevin R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/26/2013

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1077014	Los Alamos National Laboratory Ombuds 2012 Report	Enriquez, Elisa V. [Los Alamos National Laboratory]; Stevens, Mary E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/26/2013
1077005	Quick-Start Guide to Low-Energy Photon/Electron Transport in MCNP6	Hughes, H. Grady III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077008	REQUEST FOR QUALIFICATION No. ADPM-002 PREQUALIFICATION CRITERIA Safety-Class Uninterruptable Power Supply General Contractor for the TA-55	Eubank, Robert F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077009	REQUEST FOR QUALIFICATION No. ADPM-001 PREQUALIFICATION CRITERIA Safety-Class Uninterruptable Power Supply Integrator for the TA-55 TRP II	Eubank, Robert F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077016	Status of Cross-section Data Libraries for MCNP	Brown, Forrest B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077017	Multigroup Radiation Transport in Supernova Light Curve Calculations	Even, Wesley P. [Los Alamos National Laboratory]; Frey, Lucille H. [Los Alamos National Laboratory]; Fryer,	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077018	Fiscal Year 2013 Institutional Commitments Midyear Progress Report	Hayes, Sarah [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077019	Grain Refinement of Aluminum Weld Metal	Cross, Carl E. [Los Alamos National Laboratory]; Schempp, P. [BAM, Germany]; Pittner, A. [BAM,	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077020	POSSIBLE ALTERATION OF ROCKS OBSERVED BY CHEMCAM ALONG THE TRAVERSE TO GLENELG IN GALE CRATER ON MARS.	Berger, B. [IRAP, CNRS-Universit� Toulouse 14 av. E. Belin, 31400 Toulouse, France]; Blaney, D. [JPL, CalTech,	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2013
1077021	A Multi-Material Triple Point Problem. xRage Computations.	Diot, Steven [Los Alamos National Laboratory]; Francois, Marianne M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2013
1078358	More bang for your buck: Towards super-adiabatic quantum engines	Del Campo, Adolfo [Los Alamos National Laboratory]; Goold, J [Clarendon Laboratory, Department of Physics,	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2013
1078359	Institutional Computing Annual Report 2012 - Project: W12_copperstrength	Germann, Timothy C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2013
1078437	CBTF Code Workshop	Mason, Michael A. [Los Alamos National Laboratory]; Montoya, David R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2013
1078438	CBTF Tools Demo	Mason, Michael A. [Los Alamos National Laboratory]; Montoya, David R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2013
1078360	Genetically Engineered Magnetic Algae A Leap toward Affordable Biofuel from Algae	Nath, Pulak [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/2/2013
1078361	Neuromimetic Computing Systems for Visual Object Detection and SpatioTemporal Inference: Toward Spike-based Computation	George, John S [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/2/2013
1078362	The next frontier in predictive simulation: implicit kinetic simulation at the system scale	Chacon, Luis [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078363	The Mimetic Finite Difference Method	Manzini, Gianmarco [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078364	Overview of Linac Risk Mitigation: Life Extension Plans for the LANSCE Accelerator	Erickson, John L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078365	EpiSimS: Large-Scale Agent-based Modeling of the Spread of Disease	Mniszewski, Susan M. [Los Alamos National Laboratory]; Del Valle, Sara Y. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078366	Post-detonation Nuclear Forensics	Rundberg, Robert S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078367	Report on Sustainability Program Peer Reviews at NNSA Laboratories	Gursahani, Anita P. [Los Alamos National Laboratory]; Bailey, Carey [LLNL]; McKalip-Thompson, Cc [LANS-LLC:	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078368	Collective neutrino oscillations in a supernova	Friedland, Alexander [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/3/2013
1078369	Improving 6061-Al Grain Growth and Penetration across HIP-Bonded Clad Interfaces in Monolithic Fuel Plates: Initial Studies	Hackenberg, Robert E. [Los Alamos National Laboratory]; McCabe, Rodney J. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2013
1078370	Determination of 99Mo, 103Ru, and 140Ba Activity in an Irradiated Solution of Low Enriched Uranium Using Gamma Ray Spectroscopy	Lu, Christopher H. [Los Alamos National Laboratory]; Hutchinson, Jesson D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2013
1078371	W11-ExtremeMat report	Caro, Jose A. [Los Alamos National Laboratory]; Misra, Amit [Los Alamos National Laboratory]; Beyerlein, Irene	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2013
1078372	OpenCL: Free Your GPU... and the rest of your system too!	Bergen, Benjamin K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2013
1078373	A Brief Summary of Research Results Supported by Institutional Computing under Project W11_MagUniv	Li, Hui [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1078374	A Brief Summary of Research Results Supported by Institutional Computing under Project W11_Exoplanet	Li, Hui [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1078375	High-performance computing for model-driven decision support related to the LANL Chromium Site	Vesselinov, Velimir V. [Los Alamos National Laboratory]; Katzman, Danny [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1078376	MODCOPPER: Prompt, Precise Aerial Sample Collection Using Unmanned Systems	Mascarenas, David D. [Los Alamos National Laboratory]; Curtis, Aaron [New Mexico Tech]; Elliott, James [North	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1078377	Taming the Grid: Dynamic Load Composition Quantification at the Distribution-Transformer Level	Flynn, Eric B. [Los Alamos National Laboratory]; Holby, Edward F. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1078378	Highlights of computational work in IC computers	Batista, Enrique R. [Los Alamos National Laboratory]; Martin, Richard L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1079557	Filter Measurement System for Nuclear Material Storage Canisters - Midyear Report FY 2013	Moore, Murray E. [Los Alamos National Laboratory]; Reeves, Kirk P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1079558	Falling Man Impact Experiments: The Response of Materials to Low Velocity Penetrating Impacts with Simulated Human Impact Dynamics	Parker, Gary R. Jr. [Los Alamos National Laboratory]; Holmes, Matthew D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1079559	Integration of hyperspectral imagery and biosensors for biological and chemical facility classification	Munsky, Brian [Los Alamos National Laboratory]; Sellars, Scott [UC Irvine]; Yeager, John D. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2013
1079561	PENNANT: An Unstructured Mesh Mini-App for Advanced Architecture Research	Ferenbaugh, Charles R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2013
1079562	Second Line of Defense Program, Secondary Screening Operations Field Data Collection--Summary	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2013
1079563	The IAEA and the International Safeguards System	Boyer, Brian D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2013
1079564	Institutional Computing Annual Report - W11_Friction	Hammerberg, James E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2013
1079565	Direct Numerical Simulations of isotropic turbulence interacting with a shock-wave	Livescu, Daniel [Los Alamos National Laboratory]; Ryu, Jaiyoung [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2013
1079566	Direct Numerical Simulations of variable-density, instability driven turbulence	Livescu, Daniel [Los Alamos National Laboratory]; Wei, Tie [New Mexico Tech]; Pulido, Jesus J. [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013

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1079567	Experimental Investigations -- Midyear Status Report	Ulrich, Timothy J. II [Los Alamos National Laboratory]; Anderson, Brian E. [Los Alamos National Laboratory]; Le	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013
1079568	3D Background Oriented Schlieren Imaging to Detect Aerial Improvised Explosive Devices	Ham, Michael I. [Los Alamos National Laboratory]; Oshman, Christopher [University of Colorado, Boulder];	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013
1079569	Highlight of new results from Institutional Computing Projects	Daughton, William S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013
1079571	Summary of DBCN Options in MCNP6	Hughes, H. Grady III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013
1079572	Spin noise spectroscopy of quantum dot molecules	Roy, Dibyendu [Los Alamos National Laboratory]; Li, Yan [Los Alamos National Laboratory]; Greilich, Alex	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2013
1079547	Development of Remote-controlled Gamma-ray Spectrometer	Mascarenas, David D. [Los Alamos National Laboratory]; Hong, Seungchan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/10/2013
1079548	Geochemistry, extent, signatures, and chronology of basaltic and young silicic pyroclastic eruptions: Refining existing data to support a future volcanic hazards	Woldegabriel, Giday [Los Alamos National Laboratory]; Miller, Elizabeth D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/10/2013
1079549	Simulations of the new DARHT Axis-II bucking coil magnetic field and effects	Ekdahl, Carl A. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/10/2013
1079550	Drive Asymmetry, Turbulence and Ignition Failure in High Convergence ICF Implosions	Thomas, Vincent A. [Los Alamos National Laboratory]; Kares, Robert J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2013
1079551	The MAJORANA DEMONSTRATOR Project	Elliott, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2013
1079552	Risk Report for Module 2/FY14 Outage	Koch, Bonnie M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2013
1079553	Monotonicity conditions in the nodal mimetic finite difference method for diffusion problems on quadrilateral meshes	Manzini, Gianmarco [Los Alamos National Laboratory]; Russo, Alessandro [University of Milano-Bicocca, Italy]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2013
1079554	Follow-up to XTM:SCF-96-200, Proposed APT Data Library Formats	Frankle, Stephanie C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2013
1079555	Proposed APT Data Library Formats and ZAID Specifications	Frankle, Stephanie C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2013
1079556	RELIC 1.0 (Rare Earth Level and Intensity Calculations) User Guide	Hehlen, Markus P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2013
1079956	DARHT Second Axis Cathode Observations	Schulze, Martin E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2013
1079957	Review of Metrics Calculations Proposed by Lawrence Livermore National Laboratory	Peters, A. Michael [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/15/2013
1079959	Collimator Calibration Target	Warthen, Barry J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/15/2013
1079961	Physics Flash May 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/17/2013
1079962	Validation and Verification of the Correct Operation of the Savannah River National Laboratories, Model SRNL-Rev. 2, Serial # SRNL-003 Coulometer.	Colletti, Lisa P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/17/2013
1079963	Cylinder Test Wall Velocity: Experimental and Simulated Data	Menikoff, Ralph [Los Alamos National Laboratory]; Scovel, Christina A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/17/2013
1079964	Validation and Verification of the Correct Operation of the Spectro RS23 UV-VIS spectrometer used in ANC122 and NF-ANC122	Colletti, Lisa M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/17/2013
1079965	Smart Grid Control and Optimization	Backhaus, Scott N. [Los Alamos National Laboratory]; Bent, Russell W. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2013
1079966	GHz Hard X-ray imaging: challenges in efficiency, timing and rate	Wang, Zhehui [Los Alamos National Laboratory]; Barnes, Cris W. [Los Alamos National Laboratory]; Guardincerri,	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2013
1080344	Rapidly rotating flow with weak stratification	Whitehead, Jared [Los Alamos National Laboratory]; Wingate, Beth A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2013
1080345	Method Validation of the Density Procedure	Martinez, Patrick T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/22/2013
1080337	Report of Campaign 3 Imaging Systems Planning Workshop	Barnes, Cris W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2013
1080338	Hot Coordinate Measuring Machine Technology Assessment (U)	Montano, Joshua D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2013
1080339	The PSR by Design, Model, and Measurement	Kolski, Jeffrey S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/24/2013
1080340	The Life and Work of L. V. Altshuler	Krikorian, Nerses H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/24/2013
1080341	April 2013 Progress Report for the SAVY-4000 O-Ring Performance Studies	Blair, Michael W. [Los Alamos National Laboratory]; Weis, Eric [Los Alamos National Laboratory]; Veirs,	TR	LANL	Los Alamos National Laboratory (LANL)	5/24/2013
1080342	LANL SDAV Viz Update May 2013	Sewell, Christopher Meyer [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2013
1082239	6Li-Metal Based Neutron Coincidence Counter for Replacing 3He Gas Proportional Counters	Ianakiev, Kiril D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2013
1082240	Integrating Fault-Tolerance into the Monte Carlo Application Toolkit	Aulwes, Robbie T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2013
1082242	The Use of Geomorphometrics for Geologic Site Characterization	Coblentz, David D [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2013
1082227	Magnetization of Materials in Pulsed Magnetic Fields	Topping, Craig V. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2013
1082243	Materials Selections for the Hyperion Reactor	Poston, David I. [Los Alamos National Laboratory]; McClure, Patrick R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2013
1082228	Structural, thermal, and optical absorption studies of Borate glass	Torres, Joseph A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/31/2013
1082229	CMIME Update on Metal-Metal Oxide Atomistic Models	Valone, Steven M. [Los Alamos National Laboratory]; Baskes, Michael I. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	5/31/2013
1082230	COUPLED EULER-LAGRANGE SIMULATION OF THE JOLT HE EVENT AND RELEVANCE TO THE SHOCK PHYSICS EXPERIMENTS	Steedman, David W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/31/2013
1082231	MCNP6(TM) Release 1.0: Creating and Testing the Code Distribution	Cox, Lawrence J. [Los Alamos National Laboratory]; Matthews, Scott D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/31/2013
1082233	On the Front Lines of the Cold War Los Alamos 1970-1992	Carr, Alan B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/3/2013

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1082235	Development of a Conductive Coating with Polyaniline	Lin, Terri C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/3/2013
1082236	The Effects of Temperature, Aging, and Plasticizer Content on VCE	Edwards, Stephanie L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/3/2013
1083101	CASL Institutional Computing Report, CY2012	Lee, Stephen R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/4/2013
1083102	CASL Institutional Computing Report, Calendar Year 2012	Lee, Stephen R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2013
1083103	Verification studies of CCH and xALE	Burton, Donald E. [Los Alamos National Laboratory]; Carney, Theodore C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2013
1083104	Artificial Spin Ice: Controlling Geometry, Engineering Frustration	Nisoli, Cristiano [Los Alamos National Laboratory]; Moessner, Roderich [Max Planck Institute for the	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2013
1083105	Crystallites of Magnetic Charges in Artificial Spin Ice	Zhang, Sheng [Department of Physics and Materials Research Institute, Pennsylvania State University,	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2013
1083092	Earth and Environmental Sciences (EES) Division Solid Earth Programs	Coblentz, David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/6/2013
1083093	Effects of hydro mesh resolution on Detonation Shock Dynamics (DSD)	Aida, Toru [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/6/2013
1083094	SKA	Bergen, Benjamin K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/6/2013
1083107	Effects of hydro mesh resolution on Detonation Shock Dynamics (DSD)	Aida, Toru [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/6/2013
1083095	Retrieving data from the Intellus New Mexico system	Paige, Karen Schultz [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/7/2013
1083096	Modeling to Optimize XPCI for IMPULSE experiments at APS	Montgomery, David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/10/2013
1083097	Constituent properties, process, and formulation effects contributing to functional characteristics in pharmaceutical and explosive composites	Hooks, Daniel E. [Los Alamos National Laboratory]; Yeager, John D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/10/2013
1083098	Theory and motivation behind the Godunov-like staggered grid hydrodynamic approach in FLAG	Morgan, Nathaniel R. [Los Alamos National Laboratory]; Burton, Donald E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/10/2013
1083099	CAP briefing for Mayor Coss	Jones, Patricia [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/11/2013
1083100	Microparticles and Multiplexing	Deshpande, Alina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/11/2013
1083834	Remembering the Burning Ground Accident	Skidmore, Cary B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/11/2013
1083835	FY08 work with IMC radiative transfer in 3D stochastic media	Urbatsch, Todd J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/12/2013
1083833	An Integrated Study of Numerical Shock Shape, Artificial Viscosity, and Plasticity	Runnels, Scott R. [Los Alamos National Laboratory]; Margolin, Len G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/13/2013
1083838	The Science Program at the Los Alamos Ultracold Neutron Source	Saunders, Alexander [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/13/2013
1083842	MPAS-Ocean Model User's Guide	Petersen, Mark R. [Los Alamos National Laboratory]; Ringler, Todd D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/13/2013
1083844	Challenges In High Magnetic Fields	Mielke, Charles H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/13/2013
1083846	AOT & LANSCE Focus: Proton Radiography Facility	Kippen, Karen E. [Los Alamos National Laboratory]; Fulton, Robert D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/14/2013
1083847	Performance Modeling for HPC: Applications, Infrastructure, and Architecture	Mniszewski, Susan M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/14/2013
1083848	Twisted supersymmetries in lattice N=4 super Yang-Mills theory	Joseph, Anosh [Los Alamos National Laboratory]; Catterall, Simon [Syracuse University]; Giedt, Joel	TR	LANL	Los Alamos National Laboratory (LANL)	6/14/2013
1083850	Multi-Phase Strength for a Single Phase Change	Schraad, Mark W. [Los Alamos National Laboratory]; Addessio, Francis L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/17/2013
1083852	LANMAS Users Group Meeting LANMAS Decision Tool	Romero, Bernardino [Los Alamos National Laboratory]; Martinez, Benny J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/17/2013
1083854	Bentonite Evolution Under Experimental Repository Conditions	Cheshire, Michael C. [Los Alamos National Laboratory]; Caporuscio, Florie Andre [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	6/18/2013
1084500	MPA Materials Matter June 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/19/2013
1084501	The La Mesa Fire: Studies and Observations from 1975 through 2012	Foxx, Terlene S. [Los Alamos National Laboratory, Retired]; Hansen, Leslie A. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	6/19/2013
1084502	Fire Effects on Plants of the Jemez Mountains and the Pajarito Plateau	Foxx, Terlene S. [Los Alamos National Laboratory, Retired]; Hansen, Leslie A. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	6/19/2013
1084503	3706 and MLLW update for WIPP Task Force	Jones, Patricia [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/19/2013
1084504	Superconductivity	Maiorov, Boris A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/19/2013
1084506	The Reactor Neutrino Anomaly	Hayes-Sterbenz, Anna [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084507	FTXS 2013 Summary Notes	Debardeleben, Nathan A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084508	Neutron Radiography of Thick Dynamic Systems	Merrill, Frank E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084509	Townsites: Legacy site clean up	Haagenstad, Harvey T [Los Alamos National Laboratory]; Martinez, Kaitlin M [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084510	Linac Risk Mitigation FY14 Outage Schedule Review Presentations	Erickson, John L. [Los Alamos National Laboratory]; Schoenberg, Kurt F. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084512	Appendix SOTERM-2009 Actinide Chemistry Source Term	Borkowski, Marian [Los Alamos National Laboratory]; Garner, James [Sandia Laboratory]; Lucchini, Jean-	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084513	MST e-News June 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084514	Space and Defense Power Systems Maintenance Plan	Smith, William B. [Los Alamos National Laboratory]; Rutten, Jacob F. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013

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1084516	SLAC National Accelerator Laboratory FACET & TEST BEAM FACILITIES PROPOSAL	Merrill, Frank E. [Los Alamos National Laboratory]; Brozdin, Konstantin N. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084517	Evaluating HDEHP Based Polymer Ligand Film (PLF) for Rapid Extraction of Plutonium	Rim, Jung H. [Los Alamos National Laboratory]; Armenta, Claudine E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/20/2013
1084519	Oxide Dispersion Strengthened Steel (14YWT) Tube Fabrication and Processing	Clarke, Kester D. [Los Alamos National Laboratory]; Scott, Jeffrey E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/21/2013
1084564	Healthcare Impact Simulation Using HCSim	Ambrosiano, John J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/21/2013
1084566	Neutron Diffraction Measurement of Residual Stresses in $\alpha$ - $\text{Fe}/\text{OSU Plate}$	Brown, Donald W. [Los Alamos National Laboratory]; Clausen, Bjorn [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/24/2013
1077012	Business Case Analysis of Research and Development Central	Booth, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2013
1084569	Integration of Hyperspectral Imagery and Biosensors for Biological and Chemical Facility Classification	Munsky, Brian [Los Alamos National Laboratory]; Yeager, John D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2013
1086760	3D Background Oriented Schlieren Imaging to Detect Aerial Improvised Explosive Devices	Ham, Michael I. [Los Alamos National Laboratory]; Kenyon, Garrett [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2013
1086761	Modcopter: Prompt, Precise Aerial Sample Collection Using Unmanned Systems	Curtis, Aaron [NM Tech]; Elliott, James [NC State]; Ronquest, Michael [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2013
1086762	Ten-Year Site Plan FY 2014	Honig, Kristen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2013
1079560	MCNP5 to MCNP6 Migration Notes	Goorley, John T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1084511	LANL Response to SRS Requirement G-ESR-G-00035 Item 11 Bed Temperature Requirements, For the Addition of Direct Metal Oxidation Unit 3, Revision 0	Trujillo, Vincent L. [Los Alamos National Laboratory]; Peppers, Larry G. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1084515	LANL Response to SRS Requirement G-ESR-G-00035 Item 11 Bed Temperature Requirements, Revision 4	Peppers, Larry G. [Los Alamos National Laboratory]; Trujillo, Vincent L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1086758	Initial MCNP6 Release Overview - MCNP6 version 1.0	Goorley, John T. [Los Alamos National Laboratory]; James, Michael R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1086764	Optimal Stochastic Control as Non-equilibrium Statistical Mechanics: Calculus of Variations over Density and Current	Chernyak, Vladimir Y [Department of Chemistry, Wayne State University, Detroit, MI]; Chertkov, Michael [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1086765	Multi-Phase Strength for a Single Phase Change	Schraad, Mark W. [Los Alamos National Laboratory]; Addressio, Francis L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1086766	Understanding the Impact of Human Behavior and Heterogeneous Mixing Patterns on Social Networks & Epidemics	Del Valle, Sara Y. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/26/2013
1077013	Business Case Analysis of Research and Development Central--Summary	Booth, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/27/2013
1086767	Lattice formulation of three-dimensional N=4 gauge theory with fundamental matter fields	Joseph, Anosh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/27/2013
1086768	Rainfall-driven Flooding Capability Development Report	Judi, David R. [Los Alamos National Laboratory]; Tasseff, Byron A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/27/2013
1086753	Strong Enhancement of the Critical Current at the Antiferromagnetic Transition in ErNi2B2C Single Crystals	Weigand, Marcus [Los Alamos National Laboratory]; Maiorov, Boris A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	6/28/2013
1086754	The In-Situ State of Stress in the Western U.S. from Regional- to Local -Scale at the SPE site (Area 15, NNSS): Origins, Character, and Consequences.	Coblentz, David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/28/2013
1086751	NNSA Pollution Prevention Awards Nominations for 2013	Salzman, Sonja L. [Los Alamos National Laboratory]; Gallagher, Patricia E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2013
1086752	Integration of Delayed Neutron and Differential Die Away Techniques for the Next Generation of Safeguards Initiative Spent Fuel Non-Destructive Assay	Trellue, Holly R. [Los Alamos National Laboratory]; Henzl, Vladimir [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2013
1086756	Preliminary Analysis of Texas Instrument Hercules Flash-based Microcontroller	Quinn, Heather Marie [Los Alamos National Laboratory]; Fairbanks, Thomas D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2013
1086757	Project Update (6-20-2013) of In-Place Filter Tester (IPFT) for Special Nuclear Material Canisters	Moore, Murray E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2013
1087102	Taming the Grid: Dynamic Load Composition Quantification at the Distribution-Transformer Level	Flynn, Eric B. [Los Alamos National Laboratory]; Holby, Edward F. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/2/2013
1087609	Media-free particulate air sampler	Creek, Kathryn L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/9/2013
1087611	Pressure Study of Saville Vessels	Colletti, Lisa M. [Los Alamos National Laboratory]; Dickson, Frank P. III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2013
1087612	Process Improvement: Reduce unplanned chlorine delivery shutdowns for the plutonium purification processing	Garcia-Lopez, Alicia C [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2013
1087613	Nuclear Reactor Forensics	Scott, Mark R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2013
1087614	Code verification and confidence-building	Keating, Elizabeth H. [Los Alamos National Laboratory]; Sun, Yunwei [Lawrence Livermore National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1087615	Increase scanning efficiency for bomb book ARIES documentation	Garcia, Santiago D. [Los Alamos National Laboratory]; Aguino, Raylynn A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1087616	Development of Novel Materials for Energetics Applications	Chavez, David E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1093941	BioWatch SMS Supervisor Guide	Nelson, Matthew A. [Los Alamos National Laboratory]; Keselman, Dmitry [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1093942	BioWatch SMS Operator Guide	Nelson, Matthew A. [Los Alamos National Laboratory]; Keselman, Dmitry [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1093943	SMS Software Training Exercise 101	Nelson, Matthew A. [Los Alamos National Laboratory]; Keselman, Dmitry [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1094822	A Description of the XML "Dump Today's Collections"	St. Ledger, John W. [Los Alamos National Laboratory]; Nelson, Matthew A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2013
1094823	Climate Focus, IGPPS Review	Dubey, Manvendra K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/12/2013
1094824	General Purpose Energy Storage	Migliori, Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/15/2013
1094825	NM Legislation5	Migliori, Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/15/2013
1084505	Airborne Projection of Burning Embers -- Planning and Controls for Los Alamos National Laboratory Facilities	Siebe, Donald A. [Los Alamos National Laboratory]; Dewart, Jean M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2013

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1088357	MDA B Characterization and Remediation Geospatial Materials for Portage, Inc. External Marketing	Green, Darren C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2013
1094827	Sparsity-Promoting Optimal Wide-Area Control of Power Networks	Dorfler, Florian [Center for Control, Dynamical Systems and Computation, University of California at Santa	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2013
1088358	MCNP6 Cerenkov Radiation Feature Verification	Durkee, Joe W. Jr. [Los Alamos National Laboratory]; James, Michael R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2013
1088359	Magnetoinertial fusion (MIF)	Hsu, Scott C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2013
1088360	SQUID-based ULF MRI and Superparamagnetic Relaxometry for Early Cancer Diagnostics	Matlashov, Andrei N. [Los Alamos National Laboratory]; Magnelind, Per E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2013
1088361	Short Summary on the Kinetic Structure of Collisionless Slow Shocks and Reconnection Exhausts	Liu, Yi-Hsin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2013
1088362	Progress on the MaRIE 1.0 Linac Baseline Design	Lewellen, John W. IV [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2013
1088344	Examination of Beam Profile Effects on DARHT Axis II Forward Modeling	Klasky, Marc [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/19/2013
1088345	Automated conceptual design of manufacturing workcells in radioactive environments	Williams, Joshua M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/19/2013
1088346	AOT & LANSCE The Pulse July 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/22/2013
1088347	Application of Dye-Ligand Affinity Chromatography to Structural Genomics	Kim, Chang Y. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/22/2013
1088349	Material Transport Cart Development and Testing	Aggarwal, Arjun [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/22/2013
1088350	gamma spectroscopy for radionuclide identification	Karpus, Pete [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/22/2013
1088351	Development of processing algorithms to enable high-rate microcalorimeter array operation	Hoover, Andrew S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/22/2013
1088342	DP: a Fast Median Filter Approximation	Marcus, Ryan C. [Los Alamos National Laboratory]; Ward, William C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088353	Creating a Vibration Data Visualization and Analysis Graphical User Interface in Matlab	Idler, Garrett W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088903	Nanotechnology and Opportunities for Comprehensive Safety, Health, and Well-being	Hoover, Mark D [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088905	The Effect of Pressure and Venting on the Slow Cookoff of PBX 9502 in the Intermediate-scale Bucket Test	Parker, Gary R. Jr. [Los Alamos National Laboratory]; Holmes, Matthew D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088906	Curiosity & ChemCam on Mars	Wiens, Roger C. [Los Alamos National Laboratory]; Clegg, Samuel M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088907	Preliminary Study of Microfluidic Chip as Sample Containment for Quantitative hiRX Measurements	Havrilla, George J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088908	MaRIE 1.0: Matter Radiation Interactions in Extremes 1.0	Hockaday, Mary Y. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088909	Summary of pre-shot Lasnex simulations in support of shock/shear experiments at NIF	Devolder, Barbara G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088910	Cyber Security Lecture Series: The CERT Insider Threat Guide	Leschnitzer, Dale H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088914	Low Dimensional System Hybrids for Advanced Electronics/Optoelectronics	Nguyen, Binh-Minh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2013
1088904	3D Flow and Temperature Analysis of Filling a Plutonium Mold	Orenstein, Nicholas P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2013
1088915	Doubly Curved Crystal Monochromatic XRF Instrumentation for Materials Characterization	Havrilla, George J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2013
1088916	Medical Radioisotopes	Birnbaum, Eva R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2013
1088918	Engineered Nano-Scale Ceramic Supports for PEM Fuel Cells	Brosha, Eric L. [Los Alamos National Laboratory]; Henson, Neil J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2013
1088919	Leak Detection and H2 Sensor Development for Hydrogen Applications	Brosha, Eric L. [Los Alamos National Laboratory]; Garzon, Fernando H. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2013
1088920	Physics Flash July 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2013
1088921	On-site Measurements and Calculations of the Maximally Exposed Individual (MEI) at LANL	McNaughton, Michael [Los Alamos National Laboratory]; Brock, Burgandy [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2013
1088888	Low Temperature Studies on DC745U Pressure Pads	Ortiz-Acosta, Denise [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/26/2013
1088889	Biological Agent Testing Lab Uses CGFs to Represent Biothreat Agent DNA for Aerosol Detection	Vold, Natalie K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/26/2013
1088890	Implementation of Cerenkov Radiation and Reflection/Refraction into MCNP6	James, Michael R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/26/2013
1088891	Latent Variable Models for Quantification of Margins and Uncertainties	Collins, David H. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/26/2013
1088893	FLC Nomination: Super-resolution ultrasound imaging for detecting breast microcalcifications	Shen, Jacqueline A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088894	FLC Nomination: The Los Alamos National Security Venture Acceleration Fund	Shen, Jacqueline A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088895	FLC Nomination: Stephen R. Lee	Shen, Jacqueline A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088896	FLC Nomination: Carole Rutten	Shen, Jacqueline A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088897	FLC Nomination: Through-The-Earth (TM) technology - Vital Alert Communications, Inc.	Shen, Jacqueline A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088898	Variation in Uranium Isotopic Ratios 238U/235U and 234U/238U and 236U/238U in Water Samples Collected from Private Wells in the Espa~ola	Boukhalfa, Hakim [Los Alamos National Laboratory]; Ware, Stuart D. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013
1088899	Bias and Uncertainty Under-Prediction in Monte Carlo Depletion	Bennett, Alexander S. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2013

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1088887	The Effect of Grit on Frictional Heating During Oblique Impacts with PBX 9501	Parker, Gary R. Jr. [Los Alamos National Laboratory]; Heatwole, Eric Mann [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2013
1088902	Understanding Debris-Background Ion Interactions in High Altitude Nuclear Explosions	Winske, Dan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2013
1089473	Functional and Performance Assessment of Erasure Coded Storage Systems	Sanchez, Taylor E [Los Alamos National Laboratory]; Sackos, Joshua P [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2013
1089474	Bias and Uncertainty Under-Prediction in Monte Carlo Depletion	Bennett, Alexander S. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2013
1089475	Adapting an IMC Library to the Roadrunner Architecture	Kelley, Timothy M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2013
1089476	Improving Small File Creation Performance in a Parallel Log-Structured File System	Bonnie, David J [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089477	Storm Water Individual Permit Water Quality Improvement	Garcia-Chang, Santana [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089478	Monte Carlo Doppler Temperature Coefficients with Perturbation Theory	Gonzales, Matthew A. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089479	Research Report	Wong, Tsing-Wai [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089480	Biota Dose Assessment at LANL for 2012	McNaughton, Michael [Los Alamos National Laboratory]; Brock, Burgandy [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089481	Trails at TA-70 and 71 - Project Update Public Meeting June 12, 2013	Pava, Daniel S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2013
1089455	Technical Case for Removal of Baseline Pressure Measurements	Nelson, Benjamin E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/1/2013
1089471	Automated Conceptual Design of Manufacturing Workcells in Radioactive Environments	Williams, Joshua M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/1/2013
1089485	Documentation Report on the ARGUS Reactor	Klein, Steven K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/1/2013
1078439	On the question of area weighting in cell-centered hydrodynamics	Burton, Donald E. [Los Alamos National Laboratory]; Morgan, Nathaniel R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/2/2013
1089453	Climate and Impact Research at Los Alamos National Laboratory (LANL)	Dogliani, Harald O [Los Alamos National Laboratory]; Jonietz, Karl K [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/2/2013
1089454	Laser Engineered Net Shaping Process Characterization	Knapp, Cameron M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/2/2013
1089457	Output of Fat Man and Little Boy Devices	Holmes, Richard L. [Los Alamos National Laboratory]; White, Stephen W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/2/2013
1089458	Covercoat Pick-and-Place Robot Design	Zelenak, Andrew J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/2/2013
1089460	On Neutron-neutron Scattering in a DT Plasma	Hayes, Anna C [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089461	The Relationship between Charged-Particle Fluence and Stopping Power	Jungman, Gerard [Los Alamos National Laboratory]; Hayes-Sterbenz, Anna C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089462	A Brief History of International Safeguards	Boyer, Brian D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089463	International Safeguards Regime	Boyer, Brian D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089464	Safeguards Issues at Nuclear Reactors and Enrichment Plants	Boyer, Brian D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089465	Numerically Intensive and Data Intensive Computing: Issues, Approaches and Leveraging	Ahrens, James P. [Los Alamos National Laboratory]; Sewell, Christopher Meyer [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2013
1089469	SCC Infrastructure Upgrades Project	Sena, Phillip A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/6/2013
1089872	Extension Model: Diamond Phenolic EOS	Crockett, Scott [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/6/2013
1089875	Control of an External Microcontroller using the Android Operating System	Saari, Alexandra [Los Alamos National Laboratory]; Schaller, Edward B. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/6/2013
1089876	Development of a 1D Lagrangian Hydrocode	Esmond, Micah J. [Los Alamos National Laboratory]; Thurber, Andrew J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2013
1089877	Microbial Characterization of Halite and Groundwater Samples from the WIPP	Swanson, Juliet S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/8/2013
1089880	Detonation Waves: models & experiments	Menikoff, Ralph [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/8/2013
1089881	Lecture 2 of Theory and Simulation of Free-Electron Lasers	Freund, Henry P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/8/2013
1089882	India: Thinks Tanks, Educational Institutions, and Government-Affiliated Institutions Available for Track II	Balatsky, Galya I. [Los Alamos National Laboratory]; Wolkov, Benjamin M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/9/2013
1089879	Probability Calculation of Grit-Grit Interaction on a Plastic Bonded Explosive During Glancing Impacts.	Heatwole, Eric Mann [Los Alamos National Laboratory]; Parker, Gary R. Jr. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2013
1089883	Accelerating multidimensional nuclear algorithms	Willmert, Justin B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2013
1089885	Radiation Transport	Brown, Forrest B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2013
1089886	Setting Boundaries on Mass Loss: Attempts to Mitigate the Solar Abundance Problem	Wood, Suzannah [Los Alamos National Laboratory]; Mussack Tamashiro, K. A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/13/2013
1089887	Prospects for Accelerating non-LTE Opacity Calculations	Holladay, Daniel [Los Alamos National Laboratory]; Wohlbier, John G. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/13/2013
1089888	Quantum Communications - Using Physics to Keep Secrets Safe	Hughes, Richard J. [Los Alamos National Laboratory]; Nordholt, Jane E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/13/2013
1090630	Development of ICF Mix Code	Melvin, Jeremy A. [XCP-2:EULERIAN CODES]; Miller, Sean [XCP-2:EULERIAN CODES]; Vold, Erik L [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/14/2013
1090631	Development of ICF Mix Code	Melvin, Jeremy A. [XCP-2:EULERIAN CODES]; Miller, Sean [XCP-2: EULERIAN CODES]; Vold, Erik L [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/14/2013
1090633	Application of Homotopy Continuation to SN Transport Applications	Myers, Nicholas T. [Los Alamos National Laboratory]; Warsa, James S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013



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1090636	Eigenfunction Decomposition of Reactor Perturbations and Transitions Using MCNP Monte Carlo	Josey, Colin [Los Alamos National Laboratory]; Veit, Max D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090637	Fact Sheet: Polymer-Based Carbon Dioxide Capture Membrane Systems	Berchtold, Kathryn A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090638	High Temperature Polymer-Based Membrane Systems for Pre-Combustion Carbon Dioxide Capture	Berchtold, Kathryn A. [Los Alamos National Laboratory]; Dudeck, Kevin Wade [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090639	Linear-Multi-Frequency-Grey Preconditioning for Radiative Transfer SN Calculations	Till, Andrew T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090640	Eigenfunction Decomposition of Reactor Perturbations & Transitions Using MCNP Monte Carlo	Josey, Colin [Los Alamos National Laboratory]; Veit, Max D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090641	Material Compatibility Study for TREAT Conversion Fuel	Luther, Erik Paul [Los Alamos National Laboratory]; Dombrowski, David E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090691	Brittleness and Bayesian Inference	Wallstrom, Timothy C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090692	Flux and Reaction Rate Kernel Density Estimators in OpenMC	Burke, Timothy P. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090693	Is Bayesian inference "brittle"?	Wallstrom, Timothy C. [Los Alamos National Laboratory]; Higdon, David M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090694	Summer Student Internship working on the GPU	Abney, Stephanie T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090695	Flux and Reaction Rate Kernel Density Estimators in OpenMC with Physics-Based Bandwidths	Burke, Timothy P. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/15/2013
1090697	DHS Summary Report - 2013	Weldon, Robert A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/16/2013
1090698	DHS HS-STEM Internship Report: Improvements in MCNP6 Cosmic and Terrestrial Background Particle Fluxes	Lines, Nicholas A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/16/2013
1090700	Hypothetical Facility Data Book: The Shapash Nuclear Research Institute (SNRI)	Larsen, Robert K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/16/2013
1090701	Mimetic Constraints	Morgan, Nathaniel R. [Los Alamos National Laboratory]; Burton, Donald E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/16/2013
1090686	Corrosion Pit Growth on Stainless Steel Tear Drops	Duque, Juan [Los Alamos National Laboratory]; Berg, John M. [Los Alamos National Laboratory]; Veirs,	TR	LANL	Los Alamos National Laboratory (LANL)	8/19/2013
1090687	Magnetized shock studies for astrophysics using a plasmoid accelerator	Intrator, Thomas P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/19/2013
1090704	Using High-Fidelity Radiation Transport Methods to Supplement the Diffusion Approximation at Material Interfaces	Ruiz, Daniel E [Los Alamos National Laboratory]; Stephey, Laurie A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/19/2013
1090644	IPF Energy Upgrade Scoping Study	Rybarczyk, Lawrence J. [Los Alamos National Laboratory]; Krawczyk, Frank L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/20/2013
1090690	Spectral Data from Multiplying Assemblies	Brewer, Roger W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/20/2013
1091313	Efficient Shortest Path Computations on Multi-GPU Platforms	Djidjev, Hristo N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091315	LANL CSSE L2: Case Study of In Situ Data Analysis in ASC Integrated Codes	Patchett, John M. [Los Alamos National Laboratory]; Ahrens, James P. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091316	Optical and structural investigation of GSO gels made via sol gel method	Torres, Joseph A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091317	Higher-Mode Applications of Fission Matrix Capability for MCNP	Carney, Sean E. [Los Alamos National Laboratory]; Brown, Forrest B. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091319	Identifying cracks in stainless steel using time reversal techniques	Reichman, Brent O. [Los Alamos National Laboratory]; Anderson, Brian E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091320	Introduction to cell centered hydrodynamics	Morgan, Nathaniel R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091321	Poly(amido amine) Dendrimers in Supercapacitors	Lin, Terri C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2013
1091322	Aging Studies on Nitro-Plasticizer	Edwards, Stephanie L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2013
1091323	Nanoscale Stable Precipitation-Strengthened Steels for Nuclear Applications	Clarke, Kester D. [Los Alamos National Laboratory]; Clarke, Amy J. [Los Alamos National Laboratory]; Field,	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2013
1091325	Modified Sesame EOS for Ar	Greeff, Carl W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2013
1091306	Device Assembly Diagnostic Stand Bracket Finite Element Analysis	Klein, Benjamin L. [Los Alamos National Laboratory]; Jackson, James S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/23/2013
1091312	Impact reduction in football helmets due to application of externally applied foam	Vilar-Carrasquillo, Luis D. [Los Alamos National Laboratory]; Anderson, Brian E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/23/2013
1091309	MCNP6 Dose Calculations for the Carousel in the LDRGIF	Brewer, Roger W. [Los Alamos National Laboratory]; Temple, Brian A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/26/2013
1091310	Hot Isostatic Press Can Optimization for Aluminum Cladding of U-10Mo Reactor Fuel Plates: FY12 Final Report and FY13 Update	Clarke, Kester D. [Los Alamos National Laboratory]; Crapps, Justin M. [Formerly MST-6]; Scott, Jeffrey E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/26/2013
1091311	Modeling X-ray Thomson scattering spectra of warm dense matter	Perkins, David J. [Los Alamos National Laboratory]; Souza, Andre N. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/26/2013
1091859	Physics Beyond the Standard Model through Neutron Beta Decay	Broussard, Leah J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2013
1091860	MPA Materials Matter August 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2013
1091861	TRX Plug and Socket Proximity Detection Methodology - Preliminary	Durkee, Joe W. Jr. [Los Alamos National Laboratory]; Johns, Russell C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2013
1091862	Shock/Shear Project L2 Milestone	Doss, Forrest W. [Los Alamos National Laboratory]; Fincke, James R. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2013
1091863	2013 MCNP6 Verification Study for the MCNPX_65 and MCNPX_EXTENDED Test Sets. March 14, 2013	Durkee, Joe W. Jr. [Los Alamos National Laboratory]; James, Michael R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2013
1091808	Influence of relative permeability parameters on CO2 injectivity	Yoshida, Nozomu [Los Alamos National Laboratory]; Stauffer, Philip H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2013
1091864	Total Electron Content Variation over Thunderstorms	Kendrick, Alexander K. [Los Alamos National Laboratory]; Lay, Erin H. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2013

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1091865	Neutron Diffusion Model for Prompt Burst Simulation in Fissile Solutions	Kimpland, Robert H. [Los Alamos National Laboratory]; Klein, Steven K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2013
1091866	National Instrument List Mode Data Acquisition (NILA) System User Manual	Trujillo, Estevan R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2013
1091867	"What's that peak doing there???" 70 years of fission studies and discovery at LANL	Mosby, Shea M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2013
1091811	Formulation of the Constituent Distribution Model Implemented into the BISON Framework for the Analysis of Performance of Metallic Fuels with Some Initial	Carlson, Neil N. [Los Alamos National Laboratory]; Unal, Cetin [Los Alamos National Laboratory]; Galloway, Jack	TR	LANL	Los Alamos National Laboratory (LANL)	8/30/2013
1091812	Intelligent Integrated Machining: Ultrasonic Imaging for Assessment of Al-6061 Cladding Thickness in Monolithic U-10Mo Fuel Plates	Summa, Deborah A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/30/2013
1091813	Hazardous Waste Facility Permit Community Relations Plan	Lopez, Lorraine B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/30/2013
1091816	Response to Office of Science and Technology Policy Request for Information on Advanced Computing	Sarrao, John L. [Los Alamos National Laboratory]; Grider, Gary A. [Los Alamos National Laboratory]; Archer, Billy J.	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2013
1091817	Analytical and Numerical Analysis of Free-Electron Lasers - Lecture 3	Freund, Henry P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2013
1094828	Mixing Experiments at Los Alamos	Prestridge, Katherine P. [Los Alamos National Laboratory]; Orlicz, Gregory C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2013
1092428	Materials at Extreme Conditions	Collins, Lee A. [Los Alamos National Laboratory]; Kress, Joel D. [Los Alamos National Laboratory]; Ticknor,	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2013
1092474	Corrugated Metal Pipes Category of Transuranic Waste Stored Below Ground within Area G	Hargis, Kenneth M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2013
1092476	B61 System FY 2013 August Report	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2013
1092431	THE RELATIONSHIP BETWEEN KNOCK-ON CHARGED-PARTICLE REACTIONS AND REACTION-IN-FLIGHT NEUTRONS	Hayes, Anna C [Los Alamos National Laboratory]; Jungman, Gerard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092433	Experimental Investigations â€” End of Year Technical Report	Ulrich, Timothy J. II [Los Alamos National Laboratory]; Anderson, Brian E. [Los Alamos National Laboratory]; Le	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092434	Analyzing data from a PDV microphone	Miller, Kyle G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092435	MST eNews August 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092436	EBS Report - LANL Experimental update of buffer/backfill at elevated P,T	Caporuscio, Florie A [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092437	Biosurveillance Review	Ribeiro, Ruy M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092438	Data-aware distributed scientific computing for big-data problems in bio-surveillance	Bhattacharya, Tanmoy [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2013
1092429	Constraining source terms, regional attenuation models, geometric spreading, and site terms for Eurasia	Fisk, Mark D. [ATK]; Phillips, William S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2013
1092430	Predictive modeling	Hengartner, Nicolas W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2013
1093324	Multigroup Cross-Section Tables for MCNP3B (revised)	Little, Robert C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2013
1093325	SDAV Visualization Area: VTK-m and In-Situ Highlights at Los Alamos	Sewell, Christopher Meyer [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2013
1093326	Facilities at Los Alamos National Laboratory	Breiner, Carla Kay [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2013
1093327	Higher-Mode Applications of Fission Matrix Capability for MCNP	Carney, Sean E. [Los Alamos National Laboratory]; Brown, Forrest B. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2013
1093328	New MENDF5 and MENDF5G	Little, Robert C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2013
1093329	Nuclear Engineering and Nonproliferation Division	Eaton, Stacey Lee [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2013
1093355	Cement Fixation â€” Control System Upgrade	Rivas, Jessica N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2013
1093344	(TOWARD) DENSITY RECONSTRUCTION FROM PROTON FLASH RADIOGRAPHS USING THE BAYES INFERENCE ENGINE	Sjue, Sky K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/12/2013
1093356	Theory and Simulation of Free-Electron Lasers	Freund, Henry P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/12/2013
1093346	Divergence of E beam in 100-TW Trident Experiments	Cobble, James A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/13/2013
1093347	Fracture-Permeability Relationships of Utica Shale: Early Results	Carey, James W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2013
1093348	Taylor Gun Impact Tests on Mock Comp-B Specimens	Thompson, Darla G. [Los Alamos National Laboratory]; Deluca, Racci [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2013
1093351	Methodology for Safety Conscious Work Environment Self-Assessment at Los Alamos National Laboratory	Booth, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2013
1093352	Simulations of Rod Impact Experiments	Menikoff, Ralph [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2013
1093353	Weapons Engineering and Experiments Directorate	Borovina, Dan L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2013
1093354	Review of cyclic experiments performed on PBX9501	Buechler, Miles A. [Los Alamos National Laboratory]; Thompson, Darla G. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2013
1095208	Interpretations of Colloid-Facilitated Transport Experiments at the Grimsel Test Site from 2008 through 2012	Reimus, Paul W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/24/2013
1095209	Improving the Prediction of Satellite Trajectories	Godinez Vazquez, Humberto C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2013
1095210	AOT & LANSCE The Pulse September 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2013
1095211	Physics Flash September 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2013
1095202	The Use of Non Destructive Assay Measurements to Estimate Burnup and Plutonium Inventory in Pressurized Water Reactor Spent Fuel Assemblies	Trellue, Holly R. [Los Alamos National Laboratory]; Poston, David I. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013

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1095203	Theoretical and Numeric Analysis for Free-Electron Lasers	Freund, Henry P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095213	Development of Techniques for Spent Fuel Assay	Swinhoe, Martyn T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095214	Task 1: CIPN in ROK	Henzlova, Daniela [Los Alamos National Laboratory]; Menlove, Howard O. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095215	Numerical simulations of onset and growth of Rayleigh-Taylor instability involving solids in converging geometry	Chang, Chong [Los Alamos National Laboratory]; Douglass, Rodney W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095216	Integration of Uncertainty Quantification Tool (LANL12-RS-012J)	Favorite, Jeffrey A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095217	Numerical simulation of onset and growth of Rayleigh-Taylor instability involving solids	Chang, Chong [Los Alamos National Laboratory]; Douglass, Rodney W. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095218	Integrated Test and Evaluation of 3He Replacement Technologies for Safeguards and Nonproliferation Applications at "boron-based HLNC-B counter build	Henzlova, Daniela [Los Alamos National Laboratory]; Menlove, Howard O. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095219	1E30 Cup Cleaning: PETN Compatibility and Freon Substitution by Brulin 815GD	Monroe, Deirdre Christina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095220	Applications of Mesh Adaptive Direct Search Algorithms to Solve Inverse Transport Problem: Unknown Interface Location	Armstrong, Jerawan C. [Los Alamos National Laboratory]; Favorite, Jeffrey A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095221	A viscoelastic viscoplastic damage model	Buechler, Miles A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095222	Portal monitor technology at Los Alamos National Laboratory for Treaty Verification	Esch, Ernst I. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095223	Long-Range Infrastructure Development Plan	Bodelson, Michael A. [Los Alamos National Laboratory]; Schindwein, Kenneth J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2013
1095194	LANL13-RS-107J PYTHON Radiography Analysis Tool Final Report for FY13	Temple, Brian A. [Los Alamos National Laboratory]; Armstrong, Jerawan C. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095195	Quantification of Prediction Bounds Caused by Model Form Uncertainty	Gonzales, Lindsey M. [University of Illinois at Urbana-Champaign]; Hall, Thomas M. [Atmoic Weapons]	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095204	DARHT: An Overview	Rose, Chris R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095205	3706 Update for NMED 9-30-13	Jones, Patricia [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095206	Viscoelastic viscoplastic damage model development, parameter estimation, and comparison to PBX9501 experimental data	Buechler, Miles A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095207	Annual Report on Improved Accuracy of Pu Assay of Spent Fuel Project	Havrilla, George J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/27/2013
1095197	Perspectives from Los Alamos	Olivares, Jose A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2013
1095198	Exploding Bridgewire Cup Loading and Density Control	Monroe, Deirdre Christina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2013
1095199	INFL GUIDELINE ON X-RAY DIFFRACTION (XRD)	Schwartz, Daniel S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2013
1095201	Thermophysical Properties of Plutonium Alloys	Mitchell, Jeremy N. [Los Alamos National Laboratory]; Schwartz, Daniel S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2013
1095224	Pu doped with Hydrogen: Magnetic Properties	Mielke, Charles H. [Los Alamos National Laboratory]; Zapf, Vivien [Los Alamos National Laboratory]; Kim, Jae	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2013
1092475	Validation and Verification of MCNP6 Against High-Energy Experimental Data and Calculations by Other Codes. III. The MPI Testing Primer	Mashnik, Stepan G [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2013
1095839	PDV Velocimetry Features as a Glue Layer Diagnostic in Windowed Shock Experiments	Holtkamp, David [Los Alamos National Laboratory]; Stone, Joseph B. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2013
1095841	Nuclear Quadrupole Resonance (NQR) for stand-off detection of contraband	Espy, Michelle A. [Los Alamos National Laboratory]; Karaulanov, Todor [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095842	Dual Domain Material Point Method for Extreme Material Deformation	Zhang, Duan Z. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095843	Radiological Characterization Technical Report for Curium-244 Sealed Source Transuranic Debris Waste for the Off-Site Source Recovery Project at Los	Feldman, Alexander [Los Alamos National Laboratory]; Vance, Jene [Vance and Associates]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095844	Achievements of structural genomics	Terwilliger, Thomas C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095887	Summaries of FY13 LANL experimental campaigns at the OMEGA Laser Facility	Loomis, Eric Nicholas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095888	Development of Database of SFL2a Signals for Neutron Generator Techniques Proposed for Integration	Trellue, Holly R. [Los Alamos National Laboratory]; Tobin, Stephen J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095889	Investigating strongly correlated electron materials by means of neutron scattering	Janoschek, Marc [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2013
1095883	Theoretical and Numerical Analysis of Free-Electron Lasers	Freund, Henry P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/4/2013
1095891	A Graded Approach to Developing a National Nuclear Forensics Library	Dion, Heather M. [Los Alamos National Laboratory]; Lamont, Stephen P. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/4/2013
1095892	RESULTS: 1E30 Cup Loading Experiment for 1E33 PPI-2 Lot	Monroe, Deirdre Christina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/4/2013
1095848	Detection Limits for Special Nuclear Material	Swift, Alicia L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/7/2013
1095884	B61 System FY 2013 September Report	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/7/2013
1095885	Los Alamos in Space: The 50 years since Vela	Pongratz, Morris B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/7/2013
1095850	The LANSCE FPGA Embedded Signal Processing Framework	Hill, Jeffrey O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2013
1095851	Photographs Related to the Explosives Accident in 1956	Skidmore, Cary B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2013
1095854	Bounding the Pseudogap in Cuprate High-TC Superconductors	McDonald, Ross David [Los Alamos National Laboratory]; Shehter, Arkady [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2013
1095855	Gamma Ray Burst, one reason why "astronomical is an adjective"	Fenimore, Edward E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2013

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1097670	Annual Report: Moving Neutron Correlation Analysis Techniques into the 21st Century	Santi, Peter A. [Los Alamos National Laboratory]; Dowell, L. Jonathan [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/22/2013
1097669	CMRR Public Meeting, September 25, 2012 Volume 14	Lopez, Lorraine B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/23/2013
1097671	TREAT Program: Zircaloy Fuel Can Welding	Dvornak, Matthew J. [Los Alamos National Laboratory]; Luther, Erik Paul [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/23/2013
1097674	Description of and MCNP Input Files for a Duct-Shielding Benchmark	Solomon, Clell J. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/23/2013
1097666	Seismic Fire Evaluation	Lambright, John A. II [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2013
1097675	Module 8: Godiva-IV Critical Assembly Demonstration	Goda, Joetta M. [Los Alamos National Laboratory]; Bounds, John Alan [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2013
1097676	Analysis of Subject Matter Expert (SME) Feedback on the First Version of the Biosurveillance Analytics Resource directory (BaRD)	Deshpande, Alina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/25/2013
1097677	Flux ropes and the 3D dynamics of magnetic field lines!	Intrator, Thomas P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/25/2013
1097678	The Negative Mass Instability in an Enge "Pretzel" Magnet	Ekdahl, Carl A. Jr. [Los Alamos National Laboratory]; Schulze, Martin E. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/25/2013
1097679	Status Report on Structural Materials for Advanced Nuclear Systems	Maloy, Stuart A. [Los Alamos National Laboratory]; Allen, Todd [Idaho National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/25/2013
1097682	Lujan Center Science and people	Lobet Megias, Anna [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/26/2013
1097681	Chloride and Fluoride Analysis Methods in Support of the Americium Recovery Program	Castro, Alonso [Los Alamos National Laboratory]; Martinez, Patrick T. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/28/2013
1097686	MPA Materials Matter October 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/28/2013
1097688	Truchas Installation Guide	Carlson, Neil N. [Los Alamos National Laboratory]; Pritchett-Sheats, L. A. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/28/2013
1097689	Muon Induced Fission Neutrons in Coincidence with Muon Tomography	Bacon, Jeffrey D. [Los Alamos National Laboratory]; Borozdin, Konstantin N. [Los Alamos National]	TR	LANL	Los Alamos National Laboratory (LANL)	10/28/2013
1097691	TSA Radiation Portal Monitor SC-770 Telnet Connection Using Tera Term	Byers, Loren W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/29/2013
1098309	Location Figure of All Units	Roberts, Kathryn M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/29/2013
1098310	Validation of MENDF71x	Conlin, Jeremy Lloyd [Los Alamos National Laboratory]; Gardiner, Steven J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/30/2013
1098311	WX-9 Shock and Detonation Physics	Dimarino, Steven [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/30/2013
1098274	BioWatch SMS 2.0.9 Upgrade Issues	Nelson, Matthew Aaron [Los Alamos National Laboratory]; St Ledger, John W. [Los Alamos National]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2013
1098276	BACoN Cryostat Pressure Relief Calculations	Ramsey, John C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2013
1098313	Drop weight impact measurements of HE sensitivity: modified detection methods	Preston, Daniel N. [Los Alamos National Laboratory]; Brown, Geoffrey W. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2013
1098314	Incorporation of New, Automated Environmental Sampling Systems into Safeguards Approaches	Boyer, Brian D. [Los Alamos National Laboratory]; Anheier, N. [Pacific Northwest National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/1/2013
1098273	Using NJOY to Calculate "Damage" with Modern Evaluated Nuclear Data Files	Kahler, Albert C. III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/4/2013
1098277	Fast- and Slow- Mode Field Matching Across a Plasma Boundary	Light, Max E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2013
1098279	B61 System FY 2014 October Report	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2013
1104914	MST e-News October 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2013
1104900	Effects of precipitation manipulation on carbohydrate dynamics and mortality in a pinon-juniper woodland	Dickman, Lee T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/6/2013
1104894	Characterization of the ionization chamber for the SPIDER detector	Meierbachtol, Krista C. [Los Alamos National Laboratory]; Tovesson, Fredrik K. [Los Alamos National]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2013
1104902	RF Gap Transformation in PARMILA	Pang, Xiaoying [Los Alamos National Laboratory]; Rybarczyk, Lawrence J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2013
1104903	NSO News October 2013	Beck, James B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2013
1104904	NSO News September 2013	Beck, James B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2013
1104905	MaRIE 1.0: Part of LANL's decadal vision of science in support of stewardship	Hockaday, Mary Y. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2013
1104895	Comprehensive Air Monitoring Report for Measurements during the Las Conchas Fire at Los Alamos National Laboratory	Michelotti, Erika A. [Los Alamos National Laboratory]; Dewart, Jean M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2013
1104896	Elastic precursor decay in S-200F Beryllium	Adams, Chris D. [Los Alamos National Laboratory]; Anderson, William W. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2013
1104897	Spent Fuel Assembly Modeling for Unattended Gamma Emission Tomography (UGET) Project	Trellue, Holly R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2013
1104907	Applications of laser-driven ion beams	Fernandez, Juan C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2013
1104908	(Computational) Fluid Dynamics Research at Los Alamos National Laboratory	Denissen, Nicholas A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2013
1104911	In-situ VPIC	Sewell, Christopher Meyer [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/12/2013
1104913	Skyrmion is the limit: Twisted topological excitations	Saxena, Avadh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/12/2013
1107155	Electromagnetic and Beam-Dynamics Modeling of the New LANL RFQ with CST Studio	Kurennoy, Sergey S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/12/2013
1107157	Los Alamos National Laboratory Fuel Cell Program	Borup, Rodney L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2013

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1107158	Truchas Reference Manual	Carlson, Neil N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2013
1107159	Year-end report on FY13 activities for J8A6	Cunningham, Gregory S. [Los Alamos National Laboratory]; Henderson, Michael G. [Los Alamos]	TR	LANL	Los Alamos National Laboratory (LANL)	11/14/2013
1107160	Novel Terahertz Metamaterials	Taylor, Antoinette [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/14/2013
1107162	Gas Cylinder Safety	Glass, George [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/15/2013
1107120	Evaluation of Compatibilities Between the Test Program and a Potential Waste Repositories, or Other Users, at NTS	Carr, Alan B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/18/2013
1107119	Engineering Nanocrystals for Energy Conversion and Storage, and Sensors	Guo, Shaojun [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107121	AOT & LANSCE The Pulse November 2013	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107122	RF Heater for in situ Neutron Diffraction and Proton Radiography	Winton, William W. [Los Alamos National Laboratory]; Vogel, Sven C. [Los Alamos National Laboratory]; Reiche,	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107123	History of the Russian Nuclear Weapon Program	Hawkins, Houston T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107995	Main Group Chemistry: From Counter-intuitive Bonding to Energy Applications	Rekken, Brian D [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107996	Robust Nitrogen oxide/Ammonia Sensors for Vehicle on-board Emissions Control	Mukundan, Rangachary [Los Alamos National Laboratory]; Brosha, Eric L. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2013
1107938	NJOY Status	Kahler, Albert C. III [Los Alamos National Laboratory]; MacFarlane, Robert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2013
1107939	Data Testing Revised 235U and 239Pu Data Files with ICSBEP Benchmarks	Kahler, Albert C. III [Los Alamos National Laboratory]; Leal, Luiz C. [Oak Ridge National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2013
1107941	A Technical Demonstration of the Initial Stage of Mo-99 Recovery from a Low Enriched Uranium Sulfate Solution	May, Iain [Los Alamos National Laboratory]; Rios, Daniel [Los Alamos National Laboratory]; Anderson, Aaron S.	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2013
1107935	THE CONCENTRATIONS OF RADIONUCLIDES, HEAVY METALS, AND POLYCHLORINATED BIPHENYLS IN FIELD MICE COLLECTED FROM REGIONAL	Fresquez, Philip R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/22/2013
1107984	INFL GUIDELINES ON ELEMENTAL ASSAY	Colletti, Lisa M. [Los Alamos National Laboratory]; Walker, Laurie F. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2013
1107985	Floret Test Development to Investigate Damaged PBX 9501	Francois, Elizabeth G. [Los Alamos National Laboratory]; Novak, Alan M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2013
1107982	Comparison of Expanded Preequilibrium CEM Model with CEM03.03 and Experimental Data, FY2013	Kerby, Leslie M. [Los Alamos National Laboratory]; Mashnik, Stepan G. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107986	Molecular replacement and model-building using distant homology models as templates	Terwilliger, Thomas C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107987	Inside phenix.autosol	Terwilliger, Thomas C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107988	Dynamic experiments using IMPULSE at the Advanced Photon Source	Jensen, Brian J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107989	Benchmark Solutions in Solid Mechanics and Implicit-Explicit Schemes in radiation Hydrodynamics	Chabaud, Brandon M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107990	Rio Grande: Are there impacts from Los Alamos National Laboratory to the food chain?	Fresquez, Philip R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107991	Environmental Air Sampling and Monitoring during Cleanup of a Manhattan Project Era Radioactive Waste Site	Whicker, Jeffrey J. [Los Alamos National Laboratory]; Eisele, William F. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107992	MST-6: Metallurgy	Kippen, Karen E. [Los Alamos National Laboratory]; Alexander, David J. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107993	MST-16: Nuclear Materials Science	Kippen, Karen E. [Los Alamos National Laboratory]; Korzekwa, Deniece R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1107994	MST-7: Polymers and Coatings	Kippen, Karen E. [Los Alamos National Laboratory]; Muenchausen, Ross E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2013
1110299	Development of Novel Method for Rapid Extract of Radionuclides from Solution using Polymer Ligand Film	Rim, Jung H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/4/2013
1110301	Remote Sensor Placement For Public Relations	Mascarenas, David D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/4/2013
1110302	FY2014 NSR&D Special Funding Proposals Selected by LANL for Submission to the NNSA NSR&D Working Group	Peterson, Paul D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/4/2013
1110300	Final Report on C8 Enhanced Surveillance Campaign Milestone L2 4654: Surveillance Metrics Assessments on Selected Weapons	Ticknor, Lawrence O. [Los Alamos National Laboratory]; Hemphill, GERALYN M. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	12/5/2013
1110303	Business Case Analysis of Real Green Building Systems, LLC Technologies	Booth, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/5/2013
1110304	Experimental Physical Sciences Vistas	Kippen, Karen E. [Los Alamos National Laboratory]; Cruz, James M. [Los Alamos National Laboratory]; Del Mauro,	TR	LANL	Los Alamos National Laboratory (LANL)	12/5/2013
1110312	Dust survivability in tokamaks: dust motion in the divertor sheath	Delzanno, Gian Luca [Los Alamos National Laboratory]; Tang, Xianzhu [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/6/2013
1110305	DARHT Axis II Cathode 12 (S/N 15) History as Recorded in the Historian and Shot Data Databases	Smith, H. Vernon [Los Alamos National Laboratory]; Barraza, Juan [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	12/9/2013
1110306	Exascale Co-Design Center for Materials in Extreme Environments (ExMatEx) Annual Report - Year 2	Germann, Timothy C. [Los Alamos National Laboratory]; McPherson, Allen L. [Los Alamos National Laboratory];	TR	LANL	Los Alamos National Laboratory (LANL)	12/9/2013
1110307	Using photonic band gap structures for accelerators, microwaves and THz	Simakov, Evgenya I. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/9/2013
1110308	Final Report for NFE-13-0019: Analysis of Muon Radiography of the Toshiba Nuclear Critical Assembly Reactor and Path Forward	Morris, Christopher [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/10/2013
1086298	A NEW INSTRUMENT FOR URANIUM DETERMINATION IN ROVER FUEL ELEMENTS EIGHT-INCH AND TWENTY-FOUR-INCH MODELS	MATLACK, G M; METZ, C F	TR	LANL	Los Alamos National Laboratory (LANL), Los Alamos	6/27/2013
1086964	Radiation Measurements of the Effluent from the NRX-A6 Reactor	Fultyn, Robert V.	TR	LANL	Los Alamos National Laboratory (LANL), Los Alamos	7/5/2013
1087006	Cryogenic Thermal Expansion of Y-12 Graphite Fuel Elements	Eash, D. T.	TR	LANL	Los Alamos National Laboratory (LANL), Los Alamos	7/8/2013
1086781	Test Cell C Shielding Study Kiwi B4D-202	Ahquist, A. John; Dummer, Jerome E	TR	LANL	Los Alamos National Laboratory (LANL), Los Alamos	7/3/2013

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1079099	Project Overcoat - An Exploration of Exterior Insulation Strategies for 1-1/2-Story Roof Applications in Cold Climates	Ojczyk, Cindy [NorthernSTAR Building America Partnership, St. Paul, MN (United States)]; Mosiman,	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO	4/1/2013
1060602	Guide to Closing and Conditioning Ventilated Crawlspace	Dickson, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1060604	Fuel Cell Technology Status Analysis Project: Partnership Opportunities (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1060607	Thermal Scout Pinpoints Hard-to-Find Problems in CSP Fields (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1060609	Project Development and Finance: Capabilities (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1060617	Expert Meeting: Optimized Heating Systems Using Condensing Boilers and Baseboard Convectors	Arena, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1060626	NREL Breaks New Ground in Plant Pretreatment for Biofuels (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062441	High Penetration Photovoltaic Case Study Report	Bank, J.; Mather, B.; Keller, J.; Coddington, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062442	Low-Energy Parking Structure Design (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062453	Strategy Guideline: Partnering for High Performance Homes	Prahl, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062456	Advanced Platform for Development and Evaluation of Grid Interconnection Systems Using Hardware-in-the-Loop: Part III - Grid Interconnection System	Lundstrom, B.; Shirazi, M.; Coddington, M.; Kroposki, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062460	Links for Ink Jet Printed Contacts for High Performance Silicon Solar Cells: Cooperative Research and Development Final Report, CRADA No. CRD-06-199	Ginley, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062461	Duration Test Report for the SWIFT Wind Turbine	Mendoza, I.; Hur, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062463	Natural Gas and the Transformation of the U.S. Energy Sector: A Program Studying Multi-sector Opportunities and Impacts	Gossett, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062464	Transportation Secure Data Center: Real-World Data for Environmental and Air Quality Analysis (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062465	High-R Walls for New Construction Structural Performance: Integrated Rim Header Testing	DeRenzis, A.; Kochkin, V.; Wiehagen, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062466	Biogas and Fuel Cells Workshop Summary Report: Proceedings from the Biogas and Fuel Cells Workshop, Golden, Colorado, June 11-13, 2012	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062467	Evaluation of Ion Damage in Solar Cells: Cooperative Research and Development Final Report, CRADA Number CRD-07-00234	Young, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062468	Assessing the Energy Savings of Tankless Water Heater Retrofits in Public Housing	Ries, R.; Walters, R.; Dwiartoro, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062471	Transportation Secure Data Center: Real-World Data for Value Pricing and Tolling Research (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062472	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Vincent Mullins Landfill in Tucson, Arizona. A Study Prepared in Partnership with	Steen, M.; Lisell, L.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062473	Equipment Only - Solar Resources Measurements at the University of Texas at Austin, TX: Cooperative Research and Development Final Report, CRADA	Stoffel, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062474	Permitting Best Practices Make Installing Solar Easier: Technical Assistance (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062476	Transportation Secure Data Center: Real-World Data for Planning, Modeling and Analysis (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062477	Transportation Secure Data Center: Real-World Data for Transportation Planning and Land Use Analysis (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062479	Life Cycle Greenhouse Gas Emissions from Electricity Generation (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062481	Development of Novel RTP-like Processing for Solar Cell Fabrication using UV-Rich Light Sources: Cooperative Research and Development Final Report, CRADA	Sopori, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1062482	Executive Summary - Natural Gas and the Transformation of the U.S. Energy Sector: Electricity	Logan, J.; Heath, G.; Macknick, J.; Paranhos, E.; Boyd, W.; Carlson, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1063019	From the Building to the Grid: An Energy Revolution and Modeling Challenge; Workshop Proceedings	Kroposki, B.; Komomua, C.; O'Malley, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1063021	Organic Based Nanocomposite Solar Cells: Cooperative Research and Development Final Report, CRADA Number CRD-04-145	Olson, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1063023	Visualization of Electric Power System Information: Workshop Proceedings	Kroposki, B.; Komomua, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1063024	Integrated Deployment and the Energy Systems Integration Facility: Workshop Proceedings	Kroposki, B.; Werner, M.; Spikes, A.; Komomua, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1064539	Community Wind Myths (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1064550	Clean Cities Program Contacts (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067900	Validation of GOES-Derived Surface Radiation Using NOAA's Physical Retrieval Method	Habte, A.; Sengupta, M.; Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067905	External Insulation of Masonry Walls and Wood Framed Walls	Baker, P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067909	Improved Modeling of Residential Air Conditioners and Heat Pumps for Energy Calculations	Cutler, D.; Winkler, J.; Kruijs, N.; Christensen, C.; Brendemuehl, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067913	Byggmeister Test Home: Analysis and Initial Results of Cold Climate Wood-Framed Home Retrofit	Gates, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067916	Synchronized Phasor Data for Analyzing Wind Power Plant Dynamic Behavior and Model Validation	Wan, Y. H.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067917	Guidelines for Home Energy Professionals Project: Multifamily Job Task Analyses Needs Assessment	Dirr, N.; Hepinstall, D.; Douglas, M.; Buck, S.; Larney, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067918	Sensitivity of Rooftop PV Projections in the SunShot Vision Study to Market Assumptions	Drury, E.; Denholm, P.; Margolis, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013
1067925	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Sky Park Landfill Site in Eau Claire, Wisconsin. A Study Prepared in Partnership with	Simon, J.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	1/1/2013

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1067926	Comparison of API & IEC Standards for Offshore Wind Turbine Applications in the U.S. Atlantic Ocean: Phase II; March 9, 2009 - September 9, 2009	Jha, A.; Dolan, D.; Gur, T.; Soyoz, S.; Alpdogan, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067928	Early Fuel Cell Market Deployments: ARRA and Combined (IAA, DLA, ARRA); Quarter 3 2012 Composite Data Products	Kurtz, J.; Wipke, K.; Sprik, S.; Ramsden, T.; Ainscough, C.; Saur, G.; Post, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067930	High-R Walls for New Construction Structural Performance: Wind Pressure Testing	DeRenzis, A.; Kochkin, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067932	Feasibility Study of Economics and Performance of Solar PV at the Atlas Industrial Park in Duluth, Minnesota	Steen, M.; Lisell, L.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067934	Cost Analysis of Simple Phase Change Material-Enhanced Building Envelopes in Southern U.S. Climates	Kosny, J.; Shukla, N.; Fallahi, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067936	Hygic Redistribution in Insulated Assemblies: Retrofitting Residential Envelopes Without Creating Moisture Issues	Smegal, J.; Lstiburek, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067937	Hybrid Wall Evaluation for Ten New Construction Homes in Wyandotte, Michigan	Lukachco, A.; Grin, A.; Bergey, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067941	Energy Efficient Crawlspace Foundation Retrofit: Mixed Humid Climate	Del Bianco, M.; Wiehagen, J.; Wood, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067942	Comfort, Indoor Air Quality, and Energy Consumption in Low Energy Homes	Engelmann, P.; Roth, K.; Tiefenbeck, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067943	Resource Planning Model: An Integrated Resource Planning and Dispatch Tool for Regional Electric Systems	Mai, T.; Drury, E.; Eurek, K.; Bodington, N.; Lopez, A.; Perry, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067946	Feasibility Study of Anaerobic Digestion of Food Waste in St. Bernard, Louisiana: A Study Prepared in Partnership with the Environmental Protection Agency for	Moriarty, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1067948	Evaluation of the Effective Moisture Penetration Depth Model for Estimating Moisture Buffering in Buildings	Woods, J.; Winkler, J.; Christensen, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1068606	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Kerr McGee Site in Columbus, Mississippi. A Study Prepared in Partnership with	Simon, J.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1068619	Cold Climate Building Enclosure Solutions	Kosny, J.; Fallahi, A.; Shukla, N.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1068621	Short-Term Test Results: Multifamily Home Energy Efficiency Retrofit	Lyons, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1068626	Safety and Function Test Report for the SWIFT Wind Turbine	Mendoza, I.; Hur, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1068630	Final Technical Progress Report: Development of Low-Cost Suspension Heliostat; December 7, 2011 - December 6, 2012	Bender, W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1083361	SunLine Transit Agency Advanced Technology Fuel Cell Bus Evaluation: Fourth Results Report	Eudy, L.; Chandler, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	1/1/2013
1063693	Short-Term Test Results: Transitional Housing Energy Efficiency Retrofit in the Hot-Humid Climate	Sutherland, K.; Martin, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064502	Tools for Designing Thermal Management of Batteries in Electric Drive Vehicles (Presentation)	Pesaran, A.; Keyser, M.; Kim, G. H.; Santhanagopalan, S.; Smith, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064510	Technology Assessment: Strategic Energy Analysis Center (SEAC) 2012 Highlights (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064514	Framework for Project Development in the Renewable Energy Sector	Springer, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064515	Continuing Developments in PV Risk Management: Strategies, Solutions, and Implications	Lowder, T.; Mendelsohn, M.; Speer, B.; Hill, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064518	Retrofitting the Southeast: The Cool Energy House	Zoeller, W.; Shapiro, C.; Vijayakumar, G.; Puttagunta, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064520	Expert Meeting Report: Energy Savings You Can Bank On	Beman, M.; Springer, J.; Smith, P.; Porse, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064534	Feasibility Study of Biopower in East Helena, Montana. A Study Prepared in Partnership with the Environmental Protection Agency for the RE-Powering	Moriarty, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064538	Analysis of the Impact of Balancing Area Cooperation on the Operation of WECC and the Compounding Effect of Wind and Solar Generation	Jordan, G.; Piwko, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064543	Scale-Up of CdTe Photovoltaic Device Processes for Commercial Application: Cooperative Research and Development Final Report, CRADA Number CRD-06-	Albin, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064546	Evaluating Ventilation Systems for Existing Homes	Aldrich, R.; Arena, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064547	Fleet Compliance Results for MY 2011/FY 2012 (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064548	Interagency Pilot of Greenhouse Gas Accounting Tools: Lessons Learned	Carpenter, A.; Hotchkiss, E.; Kandt, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064554	What We've Learned from 2.5 Years of Early Market Fuel Cell Operation (Presentation)	Kurtz, J.; Sprik, S.; Ramsden, T.; Saur, G.; Ainscough, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1064555	SunShot: Making Solar Energy Cost-Competitive Throughout the United States (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067902	Molten Salt Power Tower Cost Model for the System Advisor Model (SAM)	Turchi, C. S.; Heath, G. A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067903	Reducing Thermal Losses and Gains With Buried and Encapsulated Ducts in Hot-Humid Climates	Shapiro, C.; Magee, A.; Zoeller, W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067904	Excavationless Exterior Foundation Insulation Exploratory Study	Mosiman, G.; Wagner, R.; Schirber, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067906	Geospatial Analysis of Renewable Energy Technical Potential on Tribal Lands	Doris, E.; Lopez, A.; Beckley, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067908	Advanced Energy Retrofit Guide: Practical Ways to Improve Energy Performance, K-12 Schools (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067912	Measured Cooling Performance and Potential for Buried Duct Condensation in a 1991 Central Florida Retrofit Home	Chasar, D.; Withers, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067914	Greenbelt Homes Pilot Energy Efficiency Program Phase 1 Summary: Existing Conditions and Baseline Energy Use	Wiehagen, J.; Del Bianco, M.; Wood, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067915	Evaluation of Solar Grade Silicon Produced by the Institute of Physics and Technology: Cooperative Research and Development Final Report, CRADA	Page, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013
1067922	Integrated Canada-U.S. Power Sector Modeling with the Regional Energy Deployment System (ReEDS)	Martinez, A.; Eurek, K.; Mai, T.; Perry, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	2/1/2013

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1067924	Development of the Advanced Energy Design Guide for K-12 Schools -- 50% Energy Savings	Bonnema, E.; Leach, M.; Pless, S.; Torcellini, P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1067929	Northwest Energy Efficient Manufactured Housing Program Specification Development	Hewes, T.; Peeks, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1067933	Marine and Hydrokinetic Technology (MHK) Instrumentation, Measurement, and Computer Modeling Workshop	Musial, W.; Lawson, M.; Rooney, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1067949	Field Monitoring Protocol: Heat Pump Water Heaters	Sparr, B.; Earle, L.; Christensen, D.; Maguire, J.; Wilson, E.; Hancock, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1068584	Waste Not, Want Not: Analyzing the Economic and Environmental Viability of Waste-to-Energy (WTE) Technology for Site-Specific Optimization of Renewable	Funk, K.; Milford, J.; Simpkins, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1068622	Feasibility Study of Economics and Performance of a Hydroelectric Installation at the Jeddo Mine Drainage Tunnel. A Study Prepared in Partnership with the	Roberts, J. O.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	2/1/2013
1068610	Blending Hydrogen into Natural Gas Pipeline Networks: A Review of Key Issues	Melaina, M. W.; Antonia, O.; Penev, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1068627	Hood River Passive House	Hales, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1068629	Economic Development from New Generation and Transmission in Wyoming and Colorado	Keyser, D.; Lantz, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069149	Smith Newton Vehicle Performance Evaluation - 3rd Quarter 2012 (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069150	Advancing Energy Development in Indian Country (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069151	Variability in Measured Space Temperatures in 60 Homes	Roberts, D.; Lay, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069153	Economic Development from New Generation and Transmission in Wyoming and Colorado (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069154	Laboratory Evaluation of Gas-Fired Tankless and Storage Water Heater Approaches to Combination Water and Space Heating	Kingston, T.; Scott, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069156	Developing Renewable Energy Projects Larger Than 10 MWs at Federal Facilities (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069157	Building America Expert Meeting: Combustion Safety	Brand, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069158	Review of Variable Generation Integration Charges	Porter, K.; Fink, S.; Buckley, M.; Rogers, J.; Hodge, B. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069159	Federal Technical Assistance Aims to Accelerate Tribal Energy Project Deployment, Spring 2013 (Newsletter)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069161	TaC Studios New Construction Test House	Butler, T.; Curtis, O.; Kim, E.; Roberts, S.; Stephenson, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069163	Transportation Energy Futures Series: Effects of the Built Environment on Transportation: Energy Use, Greenhouse Gas Emissions, and Other Factors	Porter, C. D.; Brown, A.; Dunphy, R. T.; Vimmerstedt, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069164	Energy Retrofit Field Study and Best Practices in a Hot-Humid Climate	McIvaine, J.; Sutherland, K.; Martin, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069177	NREL Energy Storage Projects -- FY2012 Annual Report	Pesaran, A.; Ban, C.; Brooker, A.; Dillon, A.; Gonder, J.; Ireland, J.; Keyser, M.; Kim, G. H.; Lee, K. J.; Long, D.;	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069178	Transportation Energy Futures Series: Potential for Energy Efficiency Improvement Beyond the Light-Duty-Vehicle Sector	Vyas, A. D.; Patel, D. M.; Bertram, K. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069179	Transportation Energy Futures Series: Vehicle Technology Deployment Pathways: An Examination of Timing and Investment Constraints	Plotkin, S.; Stephens, T.; McManus, W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069180	Transportation Energy Futures Series: Projected Biomass Utilization for Fuels and Power in a Mature Market	Ruth, M.; Mai, T.; Newes, E.; Aden, A.; Warner, E.; Uriarte, C.; Inman, D.; Simpkins, T.; Argo, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069182	Transportation Energy Futures Series: Effects of Travel Reduction and Efficient Driving on Transportation: Energy Use and Greenhouse Gas Emissions	Porter, C. D.; Brown, A.; DeFlorio, J.; McKenzie, E.; Tao, W.; Vimmerstedt, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069185	Side-by-Side Testing of Water Heating Systems: Results from the 2010 - 2011 Evaluation	Colon, C.; Parker, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069186	Measure Guideline: Air Conditioner Diagnostics, Maintenance, and Replacement	Springer, D.; Dakin, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069188	Collaboration Leads to State-of-the-Art Energy Auditing Tool: Project Highlights (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069189	Utility-Scale Power Tower Solar Systems: Performance Acceptance Test Guidelines	Kearney, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1069190	NREL: A Year in Clean Energy Innovations, A Review of NREL's 2012 Feature Stories (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071941	California: California's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071943	Examination of Potential Benefits of an Energy Imbalance Market in the Western Interconnection	Milligan, M.; Clark, K.; King, J.; Kirby, B.; Guo, T.; Liu, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071945	Colorado: Colorado's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071946	New Mexico: New Mexico's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071947	Louisiana: Louisiana's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071948	Michigan: Michigan's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071949	Indiana: Indiana's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071952	Quality Parameters and Chemical Analysis for Biodiesel Produced in the United States in 2011	Alleman, T. L.; Fouts, L.; Chupka, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071953	Multivariate Calibration Models for Sorghum Composition using Near-Infrared Spectroscopy	Wolfrum, E.; Payne, C.; Stefaniak, T.; Rooney, W.; Dighe, N.; Bean, B.; Dahlberg, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071954	Iowa: Iowa's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013
1071957	Renewable Energy Permitting Barriers in Hawaii: Experience from the Field	Busche, S.; Donnelly, C.; Atkins, D.; Fields, R.; Black, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	3/1/2013



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1071958	Feasibility Study of Economics and Performance of Biomass Power Generation at the Former Farmland Industries Site in Lawrence, Kansas. A Study Prepared in	Tomberlin, G.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071971	New Jersey: New Jersey's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071972	Transportation Energy Futures Series: Non-Cost Barriers to Consumer Adoption of New Light-Duty Vehicle Technologies	Stephens, T.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071973	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Former Chicago, Milwaukee, and St. Paul Rail Yard Company Site in Perry, Iowa.	Salasovich, J.; Geiger, J.; Healey, V.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071974	Transportation Energy Futures: Combining Strategies for Deep Reductions in Energy Consumption and GHG Emissions (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071975	Tennessee: Tennessee's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071976	Development of YBCO Superconductor for Electric Systems: Cooperative Research and Development Final Report, CRADA Number CRD-04-150	Bhattacharya, R.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071977	New Hampshire: New Hampshire's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071978	Ductless Mini-Split Heat Pump Comfort Evaluation	Roth, K.; Sehgal, N.; Akers, C.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071979	Alaska: Alaska's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071980	Mississippi: Mississippi's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071981	Wisconsin: Wisconsin's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071982	Breakeven Prices for Photovoltaics on Supermarkets in the United States	Ong, S.; Clark, N.; Denholm, P.; Margolis, R.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071983	Washington: Washington's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1071985	Comparison of Home Retrofit Programs in Wisconsin	Cunningham, K.; Hannigan, E.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072784	2011 Cost of Wind Energy Review	Tegen, S.; Lantz, E.; Hand, M.; Maples, B.; Smith, A.; Schwabe, P.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072790	Analysis of Concentrating Solar Power with Thermal Energy Storage in a California 33% Renewable Scenario	Denholm, P.; Wan, Y. H.; Hummon, M.; Mehos, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072803	Renewable Energy in Alaska	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072812	Approaches to 30% Energy Savings at the Community Scale in the Hot-Humid Climate	Thomas-Rees, S.; Beal, D.; Martin, E.; Fonorow, K.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072829	Transportation Energy Futures Series: Freight Transportation Modal Shares: Scenarios for a Low-Carbon Future	Brogan, J. J.; Aeppli, A. E.; Beagan, D. F.; Brown, A.; Fischer, M. J.; Grenzeback, L. R.; McKenzie, E.;	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072830	Transportation Energy Futures Series: Freight Transportation Demand: Energy-Efficient Scenarios for a Low-Carbon Future	Grenzeback, L. R.; Brown, A.; Fischer, M. J.; Hutson, N.; Lamm, C. R.; Pei, Y. L.; Vimmerstedt, L.; Vyas, A. D.;	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072832	Oregon: Oregon's Clean Energy Resources and Economy (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072833	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Tower Road Site in Aurora, Colorado. A Study Prepared in Partnership with the	Van Geet, O.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072834	Alternative Compliance: Guidelines for Preparing and Submitting a Waiver Request Application and Other Documentation Requirements	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072835	Laboratory Performance Testing of Residential Window Air Conditioners	Winkler, J.; Booten, C.; Christensen, D.; Tomerlin, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072836	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Tronox Facility in Savannah, Georgia. A Study Prepared in Partnership with the	Kiatreungwattana, K.; Geiger, J.; Healey, V.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1072837	High-Tech Garage Showcases Strategies for Reducing Energy (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1073526	Development of Commercial Technology for Thin Film Silicon Solar Cells on Glass: Cooperative Research and Development Final Report, CRADA Number	Sopori, B.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1073538	Clean Cities: Cutting Petroleum Use in Transportation Since 1993 (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1073542	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Crazy Horse Landfill Site in Salinas, California. A Study Prepared in Partnership	Stoltenberg, B.; Konz, C.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076625	Algal Lipid Extraction and Upgrading to Hydrocarbons Technology Pathway	Davis, R.; Bidy, M.; Jones, S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076627	Catalytic Upgrading of Sugars to Hydrocarbons Technology Pathway	Bidy, M.; Jones, S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076635	Ex-Situ Catalytic Fast Pyrolysis Technology Pathway	Bidy, M.; Dutta, A.; Jones, S.; Meyer, A.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076636	Biological Conversion of Sugars to Hydrocarbons Technology Pathway	Davis, R.; Bidy, M.; Tan, E.; Tao, L.; Jones, S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076659	Whole Algae Hydrothermal Liquefaction Technology Pathway	Bidy, M.; Davis, R.; Jones, S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076660	In-Situ Catalytic Fast Pyrolysis Technology Pathway	Bidy, M.; Dutta, A.; Jones, S.; Meyer, A.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076664	Syngas Upgrading to Hydrocarbon Fuels Technology Pathway	Talmadge, M.; Bidy, M.; Dutta, A.; Jones, S.; Meyer, A.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1107463	Hydrogen Pathways: Updated Cost, Well-to-Wheels Energy Use, and Emissions for the Current Technology Status of Ten Hydrogen Production, Delivery, and	Ramsden, T.; Ruth, M.; Diakov, V.; Laffen, M.; Timbario, T. A.	TR	NREL	National Renewable Energy Laboratory (NREL), G	3/1/2013
1076618	Metering Best Practices Applied in the National Renewable Energy Laboratory's Research Support Facility: A Primer to the 2011 Measured and Modeled Energy	Sheppy, M.; Beach, A.; Pless, S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	4/1/2013
1076619	Planning Brings Vision Into Focus (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	4/1/2013
1076620	Retail Buildings: Assessing and Reducing Plug and Process Loads in Retail Buildings (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	4/1/2013
1076621	FFP/NREL Collaboration on Hydrokinetic River Turbine Testing: Cooperative Research and Development Final Report, CRADA Number CRD-12-00473	Driscoll, F.	TR	NREL	National Renewable Energy Laboratory (NREL), G	4/1/2013

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1076622	Office Buildings: Assessing and Reducing Plug and Process Loads in Office Buildings (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076623	Feasibility Study of Economics and Performance of Solar Photovoltaics at the VAG Mine Site in Eden and Lowell, Vermont. A Study Prepared in Partnership with the Vermont Agency of Natural Resources	Simon, J.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076626	Efficient Multifamily Homes in a Hot-Humid Climate by Atlantic Housing Partners	Chasar, D.; Martin, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076631	Gearbox Reliability Collaborative Phase 3 Gearbox 2 Test Plan	Link, H.; Keller, J.; Guo, Y.; McNiff, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076633	New Cellulose Identification Method Holds Promise for Lower-Cost Biofuels (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076634	Sensitivity of Utility-Scale Solar Deployment Projections in the SunShot Vision Study to Market and Performance Assumptions	Eurek, K.; Denholm, P.; Margolis, R.; Mowers, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076637	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Chino Mine in Silver City, New Mexico. A Study Prepared in Partnership with the New Mexico Energy Research Center	Kiatreungwattana, K.; Geiger, J.; Healey, V.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076638	Evaluate Si Layers: Cooperative Research and Development Final Report, CRADA Number CRD-07-255	Teplin, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076640	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Snohomish County Cathcart Landfill Site in Snohomish County, Washington. A Study Prepared in Partnership with the Environmental Protection Agency for the	Olis, D.; Salasovich, J.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076643	Technical Support to SBIR Phase II Project: Improved Conversion of Cellulose Waste to Ethanol Using a Dual Bioreactor System: Cooperative Research and Development Final Report, CRADA Number CRD-12-00463	Zhang, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076644	Boulder Wind Power Advanced Gearless Drivetrain: Cooperative Research and Development Final Report, CRADA Number CRD-12-00463	Cotrell, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076645	Metallic Inks for Solar Cells: Cooperative Research and Development Final Report, CRADA Number CRD-10-370	van Hest, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076646	Best Practices for Siting Solar Photovoltaics on Municipal Solid Waste Landfills. A Study Prepared in Partnership with the Environmental Protection Agency for the	Kiatreungwattana, K.; Mosey, G.; Jones-Johnson, S.; Dufficy, C.; Bourg, J.; Conroy, A.; Keenan, M.; Michaud, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076647	Blade Testing Equipment Development and Commercialization: Cooperative Research and Development Final Report, CRADA Number CRD-09-346	Snowberg, D.; Hughes, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076648	Cooperative Research Between NREL and Ampulse on III-V PV: Cooperative Research and Development Final Report, CRADA Number CRD-12-464	Ptak, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076649	Retrofitting Vegas: Implementing Energy Efficiency in Two Las Vegas Test Homes	Puttagunta, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076650	Advancing Efforts to Energize Native Alaska (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076652	NREL's Renewable Energy Optimization (REopt) Tool: Models & Tools (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076653	Uniform Methods Project: Methods for Determining Energy Efficiency Savings for Specific Measures; January 2012 - March 2013	Jayaweera, T.; Haeri, H.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076655	Evaluation of the Total Cost of Ownership of Fuel Cell-Powered Material Handling Equipment	Ramsden, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076658	Wyandotte Neighborhood Stabilization Program: Retrofit of Two Homes	Lukachko, A.; Grin, A.; Bergey, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076663	Financing U.S. Renewable Energy Projects Through Public Capital Vehicles: Qualitative and Quantitative Benefits	Mendelsohn, M.; Feldman, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1076665	Mobile Building Energy Audit and Modeling Tools: Cooperative Research and Development Final Report, CRADA Number CRD-11-00441	Brackney, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078051	Measure Guideline: Steam System Balancing and Tuning for Multifamily Residential Buildings	Choi, J.; Ludwig, P.; Brand, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078053	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Brisbane Baylands Brownfield Site in Brisbane, California. A Study Prepared in Partnership with the Environmental Protection Agency for the	Salasovich, J.; Geiger, J.; Healey, V.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078057	Weather-Corrected Performance Ratio	Dierauf, T.; Growitz, A.; Kurtz, S.; Cruz, J. L. B.; Riley, E.; Hansen, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078058	Catalysis for Mixed Alcohol Synthesis from Biomass Derived Syngas: Cooperative Research and Development Final Report, CRADA Number CRD-08-080	Hensley, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078061	DRIVE Analysis Tool Generates Custom Vehicle Drive Cycles Based on Real-World Data (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078064	Guam Transportation Petroleum-Use Reduction Plan	Johnson, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078066	Evaluation of Lifetime of High Efficiency Organic Photovoltaic Devices: Cooperative Research and Development Final Report, CRADA Number CRD-10-00441	Olson, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078070	Financing Opportunities for Renewable Energy Development in Alaska	Ardani, K.; Hillman, D.; Busche, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1078077	Analysis of Offshore Wind Energy Leasing Areas for the Rhode Island/Massachusetts Wind Energy Area	Musial, W.; Elliott, D.; Fields, J.; Parker, Z.; Scott, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079085	Measure Guideline: Insulating and Air Sealing Attic Sprinklers	Puttagunta, S.; Shapiro, C.; Natarajan, H.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079087	Assessing Foundation Insulation Strategies for the 2012 International Energy Conservation Code in Cold Climate New Home Construction	VonThoma, E.; Ojczyk, C.; Mosiman, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079090	Training and Peer-to-Peer Learning (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079093	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Peru Mill Industrial Park in the City of Deming, New Mexico. A Study Prepared in Partnership with the Environmental Protection Agency for the	Kiatreungwattana, K.; Geiger, J.; Healey, V.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079096	Acoustic Noise Test Report for the SWIFT Wind Turbine in Boulder, CO	Roadman, J.; Huskey, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079098	Nanomaterial Composites for Next Generation Water Filters: Cooperative Research and Development Final Report, CRADA Number CRD-06-197	Ginley, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079101	Cold Climate Foundation Retrofit Energy Savings: The Simulated Energy and Experimental Hygrothermal Performance of Cold Climate Foundation Wall	Goldberg, L. F.; Steigauf, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079720	Strategy Guideline: Energy Retrofits for Low-Rise Multifamily Buildings in Cold Climates	Frozyna, K.; Badger, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079728	Transportation Energy Futures Series: Alternative Fuel Infrastructure Expansion: Costs, Resources, Production Capacity, and Retail Availability for Low-Carbon Fuels	Melaina, M. W.; Heath, G.; Sandor, D.; Steward, D.; Vimmerstedt, L.; Warner, E.; Webster, K. W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013
1079737	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Former Bethlehem Steel Plant Brownfield Site in Lackawanna, New York. A Study Prepared in Partnership with the Environmental Protection Agency for the	Salasovich, J.; Geiger, J.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	4/1/2013

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1082551	NREL Leads Energy Systems Integration, Continuum Magazine: Issue 4 (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	4/1/2013
1079088	Successful Track Record with Diverse Policies (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079710	NREL Develops Method to Evaluate Accuracy of Home Energy Scoring Tool (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079711	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Former Fort Ord Army Base Site in Marina, California. A Study Prepared in	Stoltenberg, B.; Konz, C.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079719	Value of Energy Storage for Grid Applications	Denholm, P.; Jorgenson, J.; Hummon, M.; Jenkin, T.; Palchak, D.; Kirby, B.; Ma, O.; O'Malley, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079729	International Trade of Wood Pellets (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079730	NREL Solves Residential Window Air Conditioner Performance Limitations (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079731	Moisture Research - Optimizing Wall Assemblies	Arena, L.; Mantha, P.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079733	International Trade of Biofuels (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079734	Measure Guideline: Condensing Boilers - Control Strategies for Optimizing Performance and Comfort in Residential Applications	Arena, L.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1079735	Building America Systems Integration Research Annual Report: FY 2012	Gestwick, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080106	New Facility to Shed Light on Offshore Wind Resource (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080107	ARRA Material Handling Equipment Composite Data Products: Data Through Quarter 4 of 2012	Kurtz, J.; Sprik, S.; Ainscough, C.; Saur, G.; Post, M.; Peters, M.; Ramsden, T.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080109	Built Environment Analysis Tool: April 2013	Porter, C.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080110	State-of-the-Art Fuel Cell Voltage Durability Status: Spring 2013 Composite Data Products	Kurtz, J.; Sprik, S.; Saur, G.; Peters, M.; Post, M.; Ainscough, C.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080111	Spring 2013 Composite Data Products - Backup Power	Kurtz, J.; Wipke, K.; Sprik, S.; Ramsden, T.; Ainscough, C.; Saur, G.; Post, M.; Peters, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080112	NREL Shows How Cyanobacteria Build Hydrogen-Producing Enzyme (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080113	NREL Demonstrates Photocatalytic Conversion With Mutant Microbe (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080117	Advanced Thermal Storage System with Novel Molten Salt: December 8, 2011 - April 30, 2013	Jonemann, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080119	Case Studies of Potential Facility-Scale and Utility-Scale Non-Hydro Renewable Energy Projects across Reclamation	Haase, S.; Burman, K.; Dahle, D.; Heimiller, D.; Jimenez, A.; Melius, J.; Stoltenberg, B.; VanGeet, O.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080120	Military Base Off-Taker Opportunities for Tribal Renewable Energy Projects	Nangle, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080122	Technology Development for High-Efficiency Solar Cells and Modules Using Thin (<80 um) Single-Crystal Silicon Wafers Produced by Epitaxy: June 11, 2011 - April	Ravi, T. S.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080125	Renewable Energy Assessment of Bureau of Reclamation Land and Facilities Using Geographic Information Systems	Heimiller, D.; Haase, S.; Melius, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080126	National Wind Technology Center to Debut New Dynamometer (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080128	Statistical Analysis of the Phase 3 Emissions Data Collected in the EPAAct/V2/E89 Program: January 7, 2010 - July 6, 2012	Gunst, R. F.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080130	National Renewable Energy Laboratory Pyrheliometer Comparisons: 24 September - 5 October 2012 (NPC-2012)	Stoffel, T.; Reda, I.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1080135	Federal Incentives for Water Power (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081367	Wind Powering America Anemometer Loan Program: A Retrospective	Jimenez, T.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081371	Infrastructure, Components and System Level Testing and Analysis of Electric Vehicles: Cooperative Research and Development Final Report, CRADA Number	Neubauer, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081372	Laboratory Evaluation of Energy Recovery Ventilators	Kosar, D.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081374	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Price Landfill Site in Pleasantville, New Jersey. A Study Prepared in Partnership	Salasovich, J.; Geiger, J.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081378	Federal Incentives for Wind Power (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081379	Expert Meeting Report: Exploring the Disconnect Between Rated and Field Performance of Water Heating Systems	Hoeschele, M.; Weitzel, E.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081380	Uncertainty Analysis of Spectral Irradiance Reference Standards Used for NREL Calibrations	Habte, A.; Andreas, A.; Reda, I.; Campanelli, M.; Stoffel, T.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081387	Impacts of Variability and Uncertainty in Solar Photovoltaic Generation at Multiple Timescales	Ela, E.; Diakov, V.; Ibanez, E.; Heaney, M.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1081391	Comparison of Advanced Residential Water Heating Technologies in the United States	Maguire, J.; Fang, X.; Wilson, E.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082549	Technical and Economic Feasibility Study of Utility-Scale Wind at the Doepke-Holliday Superfund Site. A Study Prepared in Partnership with the	Roberts, J. O.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082560	Clean Cities Now: Vol. 17, No. 1, Spring 2013 (Brochure)	Sutor, J.; Tucker, E.; Thomas, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082561	Expert Meeting Report: Windows Options for New and Existing Homes	Ojczyk, C.; Carmody, J.; Haglund, K.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082562	Expert Meeting Report: Foundations Research Results	Ojczyk, C.; Huelman, P.; Carmody, J.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082565	Biomass Scenario Model Documentation: Data and References	Lin, Y.; Newes, E.; Bush, B.; Peterson, S.; Stright, D.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013
1082566	Feasibility Study of Economics and Performance of Biopower at the Chanute Air Force Base in Rantoul, Illinois. A Study Prepared in Partnership with the	Scarlatia, C.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), G	5/1/2013

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1082567	Stationary Fuel Cell System Composite Data Products: Data Through Quarter 4 of 2012	Ainscough, C.; Kurtz, J.; Saur, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1082568	Development of a High Resolution, Real Time, Distribution-Level Metering System and Associated Visualization, Modeling, and Data Analysis Functions	Bank, J.; Hambrick, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1082572	Hawai'i's EVolution: Hawai'i Powered. Technology Driven. (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1083363	Analysis of High-Penetration Levels of Photovoltaics into the Distribution Grid on Oahu, Hawaii: Detailed Analysis of HECO Feeder WF1	Stewart, E.; MacPherson, J.; Vasilic, S.; Nakafuji, D.; Aukai, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1083365	Eastern Frequency Response Study	Miller, N.W.; Shao, M.; Pajic, S.; D'Aquila, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1083367	Long Island Solar Farm	Anders, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1083371	Hawaii-Okinawa Building Evaluations	Metzger, I.; Salasovich, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1087209	Energy Assessment Training Reduces Energy Costs for the U.S. Coast Guard Sector Guam: Success Stories (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	5/1/2013
1078082	Concentrating Solar Power Program Review 2013 (Book) (Revised)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1083356	Partnering with the NCPV (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1083359	Super-Resolution Optical Imaging of Biomass Chemical-Spatial Structure: Cooperative Research and Development Final Report, CRADA Number CRD-10-	Ding, S. Y.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1083364	Technical Support Document: Development of the Advanced Energy Design Guide for Medium to Big Box Retail Buildings - 50% Energy Savings	Bonnema, E.; Leach, M.; Pless, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1083368	DEDALOS NREL: Cooperative Research and Development Final Report, CRADA Number CRD-07-237	Friedman, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1083372	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Standard Chlorine of Delaware Superfund Site in Delaware City, Delaware. A	Salasovich, J.; Geiger, J.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1084163	Development of Inorganic Precursors for Manufacturing of Photovoltaic Devices: Cooperative Research and Development Final Report, CRADA Number	van Hest, M.; Ginley, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086347	Hybrid Cooling for Geothermal Power Plants: Final ARRA Project Report	Bharathan, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086348	Homeowner's Guide to Window Air Conditioner Installation for Efficiency and Comfort (Fact Sheet), Building America Case Study: Technology Solutions for	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086349	Land-Use Requirements for Solar Power Plants in the United States	Ong, S.; Campbell, C.; Denholm, P.; Margolis, R.; Heath, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086351	Polycrystalline Thin-Film Research: Cadmium Telluride (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086355	Strategy Guideline: Compact Air Distribution Systems	Burdick, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086356	Wind LCA Harmonization (Fact Sheet), NREL (National Renewable Energy Laboratory)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086358	Fuel Cell Technology Status Analysis Project: Partnership Opportunities (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086360	PV Module Reliability Research (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086362	Thermochemical Conversion Pilot Plant (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086363	National Skills Assessment of the U.S. Wind Industry in 2012	Levanthal, M.; Tegen, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086366	Silicon Materials and Devices (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086904	Commissioning of the Fresno, California, Retrofit Unoccupied Test House	Stecher, D.; Imm, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086905	Assessment of Offshore Wind Energy Leasing Areas for the BOEM Maryland Wind Energy Area	Musial, W.; Elliott, D.; Fields, J.; Parker, Z.; Scott, G.; Draxl, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086906	Wind Powering America's Regional Stakeholder Meetings and Priority State Reports: FY11 Summary	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1086908	Jobs and Economic Development Impact (JEDI) Model: Offshore Wind User Reference Guide	Lantz, E.; Goldberg, M.; Keyser, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087192	PHIL Inverter Test Report: Analysis of High-Penetration Levels of PV into the Distribution Grid in California, March 12 - March 16, 2012	Kromer, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087196	Tribal Energy Program, Assisting Tribes to Realize Their Energy Visions (Brochure), Energy Efficiency & Renewable Energy (EERE)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087199	Alaska Native Community Energy Planning and Projects (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087203	Duration Test Report for the Venterra VT10 Wind Turbine	Smith, J.; Huskey, A.; Jager, D.; Hur, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087204	Technical Support Document: Development of the Advanced Energy Design Guide for Large Hospitals - 50% Energy Savings	Bonnema, E.; Leach, M.; Pless, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087252	Duration Test Report for the Viryd CS8 Wind Turbine	Roadman, J.; Murphy, M.; van Dam, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087773	Biodiesel Emissions Testing with a Modern Diesel Engine - Equipment Only: Cooperative Research and Development Final Report, CRADA Number CRD-10-	Williams, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087775	Application of Robust Design and Advanced Computer Aided Engineering Technologies: Cooperative Research and Development Final Report, CRADA	Thornton, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087785	Frito-Lay North America/NREL CRADA: Cooperative Research and Development Final Report, CRADA Number CRD-06-176	Walker, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087789	Fuel Cell Power Model Version 2: Startup Guide, System Designs, and Case Studies. Modeling Electricity, Heat, and Hydrogen Generation from Fuel Cell-	Steward, D.; Penev, M.; Saur, G.; Becker, W.; Zuboy, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087796	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Koltzoff Landfill in Cleveland, Ohio. A Study Prepared in Partnership with the	Salasovich, J.; Geiger, J.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013
1087799	Performance of MicroLink Cells Developed Under Navy STTR: Cooperative Research and Development Final Report, CRADA Number CRD-11-426	Emery, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	6/1/2013

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1087801	Integrated Biorefinery Project: Cooperative Research and Development Final Report, CRADA Number CRD-10-390	Chapeaux, A.; Schell, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	6/1/2013
1090954	RE-ASSUME: A Decision Maker's Guide to Evaluating Energy Scenarios, Modeling, and Assumptions	Mai, T.; Logan, J.; Blair, N.; Sullivan, P.; Bazilian, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	6/14/2013
1087770	Alternative Fuels Data Center (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087771	Energy DataBus (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087772	Novel Combination of Enzyme Systems Could Lower Biofuel Costs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087776	Continuously Optimized Reliable Energy (CORE) Microgrid: Models & Tools (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087778	Installation, Operation, and Maintenance Strategies to Reduce the Cost of Offshore Wind Energy	Maples, B.; Saur, G.; Hand, M.; van de Pieterman, R.; Obdam, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087782	Identification of Catalysts and Materials for a High-Energy Density Biochemical Fuel Cell: Cooperative Research and Development Final Report, CRADA Number	Ghirardi, M.; Svedruzic, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087784	Field Assessment of Energy Audit Tools for Retrofit Programs	Edwards, J.; Bohac, D.; Nelson, C.; Smith, I.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087786	Acoustic Noise Test Report for the Viryd CS8 Wind Turbine	Roadman, J.; Huskey, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087790	Defining the Interactions of Cellobiohydrolase with Substrate through Structure-Function Studies: Cooperative Research and Development Final Report, CRADA	Beckham, G. T.; Himmel, M. E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087791	Verifying a Simplified Fuel Oil Flow Field Measurement Protocol	Henderson, H.; Dentz, J.; Doty, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087792	Potential Economic Impacts from Offshore Wind in the Southeast Region (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087795	Imagine Homes New Construction Occupied Test House	Stecher, D.; Rapport, A.; Allison, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1087797	Solar Technology Validation Project - Hualapai Valley Solar (Met Station): Cooperative Research and Development Final Report, CRADA Number CRD-09-	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1088586	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Santo Domingo Pueblo in Sandoval County, New Mexico	Geiger, J.; Lisell, L.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1088592	Energy Savings and Breakeven Cost for Residential Heat Pump Water Heaters in the United States	Maguire, J.; Burch, J.; Merrigan, T.; Ong, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1088594	Expert Meeting: Recommended Approaches to Humidity Control in High Performance Homes	Rudd, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089045	Guam Strategic Energy Plan	Conrad, M. D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089046	Validation of a Hot Water Distribution Model Using Laboratory and Field Data	Backman, C.; Hoeschele, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089050	Fuel Synthesis Catalysis Laboratory (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089053	Commonwealth of the Northern Mariana Islands Strategic Energy Plan	Conrad, M. D.; Ness, J. E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089055	Combined Heat and Power Systems (CHP): Capabilities (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089056	Evaluation of Retrofit Delivery Packages	Berman, M.; Smith, P.; Porse, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089058	Next Step Toward Widespread Residential Deep Energy Retrofits	Mclivaine, J.; Saunders, S.; Bordelon, E.; Baden, S.; Elam, L.; Martin, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089587	Fundamental Drivers of the Cost and Price of Operating Reserves	Hummon, M. R.; Denholm, P.; Jorgenson, J.; Palchak, D.; Kirby, B.; Ma, O.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089593	Guam Energy Action Plan	Conrad, M. D.; Ness, J. E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089596	Rotation Angle for the Optimum Tracking of One-Axis Trackers	Marion, W. F.; Dobos, A. P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089597	Commonwealth of the Northern Mariana Islands Energy Action Plan	Conrad, M. D.; Ness, J. E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089598	Wind Turbine Modeling for Computational Fluid Dynamics: December 2010 - December 2012	Tossas, L. A. M.; Leonardi, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089601	Predicting Envelope Leakage in Attached Dwellings	Faakye, O.; Arena, L.; Griffiths, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1089604	56th & Walnut - A Philly Gut Rehab Development	Puttagunta, S.; Faakye, O.; Zoeller, W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1090148	Environmental Performance Report 2012: Annual Site Environmental Report per the U.S. Department of Energy Order 231.1-1B (Management Report)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1090150	Enhancing Tribal Energy Security and Clean Energy (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1090154	Renewable Energy Project Development Assistance (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1090966	Innovation Impact: Breakthrough Research Results (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	7/1/2013
1090146	SAM Technical Review Committee Final Report: Summary and Key Recommendations from the Onsite TRC Meeting Held April 22-23, 2013	Blair, N.; Dobos, S.; Janzou, S.; Gilman, P.; Freeman, J.; Kaffine, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013
1090147	NREL Patents a Catalyst that Removes Syngas Tar, Boosting the Economics of Biofuels (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013
1090151	Award-Winning Etching Process Cuts Solar Cell Costs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013
1090152	NREL Spurred the Success of Multijunction Solar Cells (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013
1090153	NREL Recommends Ways to Cut Building Energy Costs in Half (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013
1090155	Quantum Dots Promise to Significantly Boost Solar Cell Efficiencies (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	8/1/2013

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1090156	Breakthrough Furnace Can Cut Solar Industry Costs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090157	Rapid Deposition Technology Holds the Key for the World's Largest Manufacturer of Thin-Film Solar Modules (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090160	NREL Produces Ethylene via Photosynthesis; Breakthrough Offers Cleaner Alternative for Transportation Fuels (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090161	Equipment Loan: Cooperative Research and Development Final Report, CRADA Number CRD-07-250	Stoffel, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090162	SOWFA + Super Controller User's Manual	Fleming, P.; Gebraad, P.; Churchfield, M.; Lee, S.; Johnson, K.; Michalakos, J.; van Wingerden, J. W.;	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090164	NREL Invention Speeds Solar Cell Quality Testing for Industry (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090952	Solar Technology Validation Project - Tri-State G&T: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-12	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090953	Development of Advanced CdTe Solar Cells Based on High Temperature Corning Glass Substrates: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-04	Barnes, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090956	Solar Technology Validation Project - Loyola Marymount University: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-03	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090957	Solar Technology Validation Project - Solargen (Met Station): Cooperative Research and Development Final Report, CRADA Number CRD-09-367-06	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090958	Solar Technology Validation Project - Southwest Solar (Met Station): Cooperative Research and Development Final Report, CRADA Number CRD-09-367-05	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090959	Use of Solar and Wind as a Physical Hedge against Price Variability within a Generation Portfolio	Jenkin, T.; Diakov, V.; Drury, E.; Bush, B.; Denholm, P.; Milford, J.; Arent, D.; Margolis, R.; Byrne, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090960	Long-Term Results from Evaluation of Advanced New Construction Packages in Test Homes: Lake Elsinore, California	Stecher, D.; Brozyna, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090961	Solar Technology Validation Project - RES Americas: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-11	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090962	Solar Technology Validation Project - Amonix, Inc.: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-13	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090963	Solar Technology Validation Project - USS Data, LLC: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-04	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090964	Assessment of the Value, Impact, and Validity of the Jobs and Economic Development Impacts (JEDI) Suite of Models	Billman, L.; Keyser, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090965	Solar Thermal Conversion of Biomass to Synthesis Gas: Cooperative Research and Development Final Report, CRADA Number CRD-09-00335	Netter, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090967	Thin Film Materials and Processing Techniques for a Next Generation Photovoltaic Device: Cooperative Research and Development Final Report, CRADA Number CRD-09-367-07	van Hest, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090968	Occupant-in-Place Energy Efficiency Retrofit in a Group Home for 30% Energy Savings in Climate Zone 4	Moore, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090969	Retrofit of a Multifamily Mass Masonry Building in New England	Ueno, K.; Kerrigan, P.; Wytrykowska, H.; Van Straaten, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090970	Solar Technology Validation Project - Utah State Energy Program (Met Station): Cooperative Research and Development Final Report, CRADA Number CRD-09-367-08	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090971	Solar Technology Validation Project - Iberdrola Renewables, Inc.: Cooperative Research and Development Final Report, CRADA Number CRD-08-298-3	Wilcox, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090972	Bay Ridge Gardens - Mixed-Humid Affordable Multifamily Housing Deep Energy Retrofit	Lyons, J.; Moore, M.; Thompson, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1090973	In-Situ Measurement of Crystalline Silicon Modules Undergoing Potential-Induced Degradation in Damp Heat Stress Testing for Estimation of Low-Light	Hacke, P.; Terwilliger, K.; Kurtz, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1091420	Improving Gas Furnace Performance: A Field and Laboratory Study at End of Life	Brand, L.; Yee, S.; Baker, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1092620	Clean Cities Guide to Alternative Fuel and Advanced Medium- and Heavy-Duty Vehicles (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1092621	NREL Innovations Help Drive Wind Industry Transformation (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1092622	Reducing Enzyme Costs Increases the Market Potential of Biofuels (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1094886	Novel Combination of Enzyme Systems Could Lower Biofuel Costs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096101	Algorithm for Screening Phasor Measurement Unit Data for Power System Events and Categories and Common Characteristics for Events Seen in Phasor	Allen, A.; Santoso, S.; Muljadi, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096103	Beyond Renewable Portfolio Standards: An Assessment of Regional Supply and Demand Conditions Affecting the Future of Renewable Energy in the West;	Hurlbut, D. J.; McLaren, J.; Gelman, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096109	Evaluation of Two CEDA Weatherization Pilot Implementations of an Exterior Insulation and Over-Clad Retrofit Strategy for Residential Masonry Buildings in	Neuhauser, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096110	Measure Guideline: Buried and/or Encapsulated Ducts	Shapiro, C.; Zoeller, W.; Mantha, P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096111	PSCAD Modules Representing PV Generator	Muljadi, E.; Singh, M.; Gevorgian, V.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096113	Fatal Flaw Analysis of Utility-Scale Wind Turbine Generators at the West Haymarket Joint Public Agency. A Study Prepared in Partnership with the	Roberts, J. O.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096114	Fort Devens: Cold Climate, Energy-Efficient, Market-Rate Townhomes	Zoeller, W.; Slattery, M.; Grab, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096118	Field Performance of Heat Pump Water Heaters in the Northeast	Shapiro, C.; Puttagunta, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096119	Strategy Guideline: Application of a Construction Quality Process to Existing Home Retrofits	Mallay, D.; Del Bianco, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096120	Performance House -- A Cold Climate Challenge Home	Puttagunta, S.; Grab, J.; Williamson, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096122	Non-Hardware ("Soft") Cost-Reduction Roadmap for Residential and Small Commercial Solar Photovoltaics, 2013-2020	Ardani, K.; Seif, D.; Margolis, R.; Morris, J.; Davidson, C.; Truitt, S.; Torbert, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013
1096686	Steam System Balancing and Tuning for Multifamily Residential Buildings in Chicagoland - Second Year of Data Collection	Choi, J.; Ludwig, P.; Brand, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO	8/1/2013

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1086900	Proposal for a Guide for Quality Management Systems for PV Manufacturing: Supplemental Requirements to ISO 9001-2008 (Revised)	Norum, P.; Sinicco, I.; Eguchi, Y.; Lokanath, S.; Zhou, W.; Brueggemann, G.; Mikonowicz, A.; Yamamichi, M.;	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1092614	NREL Launches Collaborative Resource for Field Test Best Practices (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1092615	Lab Tests Demonstrate Effectiveness of Advanced Power Strips (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1092616	Simple Method Quantifies Recombination Pathways in Solar Cells (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094874	Educational Curriculum Supports Tribal Energy Development Efforts (Newsletter)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094876	Solar Energy and Capacity Value (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094877	Variable Renewable Generation can Provide Balancing Control to the Electric Power System (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094878	Wind Powering America: A Key Influence on U.S. Wind Market (Fact Sheet)	O'Dell, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094882	Indian Renewable Energy and Energy Efficiency Policy Database (Fact Sheet)	Bushe, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094883	Demo Projects Introduce New Class of Natural Gas Vehicles (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094888	Handbook for Handling, Storing, and Dispensing E85 and Other Ethanol-Gasoline Blends (Book)	Moriarty, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1094889	Western Wind and Solar Integration Study Phase 2 (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1095399	The Western Wind and Solar Integration Study Phase 2	Lew, D.; Brinkman, G.; Ibanez, E.; Hodge, B. M.; Hummon, M.; Florita, A.; Heaney, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1095400	NREL Collaborative Improves the Reliability of Wind Turbine Gearboxes (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1095401	Small Buildings = Big Opportunity for Energy Savings (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096100	Advanced Energy Retrofit Guide (AERG): Practical Ways to Improve Energy Performance; Healthcare Facilities (Book)	Hendron, R.; Leach, M.; Bonnema, E.; Shekhar, D.; Pless, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096668	Analysis of Illinois Home Performance with ENERGY STAR(R) Measure Packages	Baker, J.; Yee, S.; Brand, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096678	SPIDERS Bi-Directional Charging Station Interconnection Testing	Simpson, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096681	Flexible Residential Test Facility: Impact of Infiltration and Ventilation on Measured Heating Season Energy and Moisture Levels	Vieira, R.; Parker, D.; Fairey, P.; Sherwin, J.; Withers, C.; Hoak, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096687	Evaluation of Automated Model Calibration Techniques for Residential Building Energy Simulation	Robertson, J.; Polly, B.; Collis, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1097904	High Resolution PV Power Modeling for Distribution Circuit Analysis	Norris, B. L.; Dise, J. H.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1097911	Integrating Variable Renewable Energy: Challenges and Solutions	Bird, L.; Milligan, M.; Lew, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1107441	Multifamily Retrofit Project Manager Job/Task Analysis and Report: September 2013	Owens, C. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1107442	Multifamily Energy Auditor Job/Task Analysis and Report: September 2013	Owens, C. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1107444	Multifamily Building Operator Job/Task Analysis and Report: September 2013	Owens, C. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1107445	Multifamily Quality Control Inspector Job/Task Analysis and Report: September 2013	Owens, C. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	9/1/2013
1096663	Bay Ridge Gardens - Mixed Humid Affordable Multifamily Housing Deep Energy Retrofit: Annapolis, Maryland. Building America Case Study: Whole-House	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096664	Renewable Energy Finance, Solar Securitization: A Status Report (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096671	Campus Cafeteria Serves As Sustainable Model for Energy-Efficient Food Service (Fact Sheet)	Septon, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096672	Exterior Rigid Foam Insulation at the Edge of a Slab Foundation, Fresno, California (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096675	Steam System Balancing and Tuning for Multifamily Residential Buildings: Chicago, Illinois. Building America Case Study: Technology Solutions for New and	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096676	Inverted Attic Bulkhead for HVAC Ductwork, Roseville, California (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096689	PVWatts Version 1 Technical Reference	Dobos, A. P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1096690	Optimizing Hydronic System Performance in Residential Applications	Arena, L.; Faakye, O.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1097303	Biogas Potential in the United States (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1097305	NREL Software Aids Offshore Wind Turbine Designs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1097886	SunShot Initiative: Making Solar Energy Affordable for All Americans (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1097912	Assessment of Offshore Wind Energy Leasing Areas for the BOEM New Jersey Wind Energy Area	Musial, W.; Elliott, D.; Fields, J.; Parker, Z.; Scott, G.; Draxl, C.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1104592	2012 Renewable Energy Data Book (Book)	Gelman, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1104593	Moisture Durability of Vapor Permeable Insulating Sheathing (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1104598	Opportunity Evaluation and Implementation: Providing Strategic Energy Solutions through Thoughtful Planning and Practical Know-How to Produce	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107439	IHT: Tools for Computing Insolation Absorption by Particle Laden Flows	Grout, R. W.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013

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1107440	Status and Trends in the U.S. Voluntary Green Power Market (2012 Data)	Heeter, J.; Nicholas, T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107446	Safety and Function Test Report for the Vryd CS8 Wind Turbine	Roadman, J.; Murphy, M.; van Dam, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107452	Laboratory Testing of Demand-Response Enabled Household Appliances	Sparr, B.; Jin, X.; Earle, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107454	Gearbox Reliability Collaborative High Speed Shaft Tapered Roller Bearing Calibration	Keller, J.; Guo, Y.; McNiff, B.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107458	Photovoltaic Module Reliability Workshop 2013: February 26-27, 2013	Kurtz, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107459	Transmission Line Jobs and Economic Development Impact (JEDI) Model User Reference Guide	Goldberg, M.; Keyser, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107461	Benchmarking Non-Hardware Balance-of-System (Soft) Costs for U.S. Photovoltaic Systems, Using a Bottom-Up Approach and Installer Survey -	Friedman, B.; Ardani, K.; Feldman, D.; Citron, R.; Margolis, R.; Zuboy, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107462	Financing, Overhead, and Profit: An In-Depth Discussion of Costs Associated with Third-Party Financing of Residential and Commercial Photovoltaic Systems	Feldman, D.; Friedman, B.; Margolis, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107464	Feasibility Study of Economics and Performance of Solar Photovoltaics at the Ft. Hood Military Base Outside Killeen, Texas. A Study Prepared in Partnership with	Geiger, J.; Lisell, L.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107465	Evaluation Framework and Analyses for Thermal Energy Storage Integrated with Packaged Air Conditioning	Kung, F.; Deru, M.; Bonnema, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107466	Hydronic Heating Retrofits for Low-Rise Multifamily Buildings: Boiler Control Replacement and Monitoring	Dentz, J.; Henderson, H.; Varshney, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107467	Overheating in Hot Water- and Steam-Heated Multifamily Buildings	Dentz, J.; Varshney, K.; Henderson, H.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107468	Measure Guideline: Implementing a Plenum Truss for a Compact Air Distribution System	Burdick, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107469	Comfort and HVAC Performance for a New Construction Occupied Test House in Roseville, California	Burdick, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107470	Process Design and Economics for the Conversion of Lignocellulosic Biomass to Hydrocarbons: Dilute-Acid and Enzymatic Deconstruction of Biomass to Sugars	Davis, R.; Tao, L.; Tan, E. C. D.; Biddy, M. J.; Beckham, G. T.; Scarlata, C.; Jacobson, J.; Cafferty, K.; Ross, J.; Lukas, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107472	Treatment of Solar Generation in Electric Utility Resource Planning	Sterling, J.; McLaren, J.; Taylor, M.; Cory, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1107473	Improved Battery Pack Thermal Management to Reduce Cost and Increase Energy Density: Cooperative Research and Development Final Report, CRADA	Smith, K.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1110454	Low Cost Arc Fault Detection and Protection for PV Systems: January 30, 2012 - September 30, 2013	McCalmont, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1111197	Application of Spray Foam Insulation Under Plywood and Oriented Strand Board Roof Sheathing	Grin, A.; Smegal, J.; Lstiburek, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	10/1/2013
1104594	NREL-Led Team Improves and Accelerates Battery Design (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1104620	NREL Proves Cellulosic Ethanol Can Be Cost Competitive (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105081	Promoting Sustainable Economic Growth in Mexico (Fact Sheet)	Watson, A.; Butheau, M.; Sandor, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105082	Climate-Resilient Low Emission Development in Bangladesh (Fact Sheet)	Watson, A.; Sandor, D.; Butheau, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105083	Performance House: A Cold Climate Challenge Home, Old Greenwich, Connecticut (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105084	Evaluation of a Multifamily Retrofit in Climate Zone 5, Boulder, Colorado (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105085	Transformations, Inc. Net Zero Energy Communities, Devens, Easthampton, Townsend, Massachusetts (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105086	Improving the Field Performance of Natural Gas Furnaces, Chicago, Illinois (Fact Sheet)	Rothgeb, S.; Brand, L.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105087	Coordinating Low Emission Development in Columbia (Fact Sheet)	Watson, A.; Butheau, M.; Sandor, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105088	Performance of a Heat Pump Water Heater in the Hot-Humid Climate, Windermere, Florida (Fact Sheet)	Metzger, C.; Puttagunta, S.; Williamson, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105089	U.S. Government Supports Low Emission Economic Growth (Fact Sheet)	Watson, A.; Sandor, D.; Butheau, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105090	Affordable Cold Climate Infill Housing with Hybrid Insulation Approach, Wyandotte, Michigan (Fact Sheet)	Metzger, C.; Lukachko, A.; Grin, A.; Bergey, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105091	Multifamily Individual Heating and Ventilation Systems, Lawrence, Massachusetts (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105092	Fort Devens: Cold Climate Market-Rate Townhomes Targeting HERS Index of 40, Harvard, Massachusetts (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105093	Advancing Low Emission Growth in the Philippines (Fact Sheet)	Watson, A.; Butheau, M.; Sandor, D.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1105094	Reducing Bat Fatalities From Interactions with Operating Wind Turbines (Fact Sheet)	Lawson, M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1107438	Improving Comfort in Hot-Humid Climates with a Whole-House Dehumidifier, Windermere, Florida (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1107448	LEDS Global Partnership in Action: Advancing Climate-Resilient Low Emission Development Around the World (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110455	Analysis and Synthesis of Load Forecasting Data for Renewable Integration Studies: Preprint	Steckler, N.; Florita, A.; Zhang, J.; Hodge, B. M.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110456	Photovoltaic Module Reliability Workshop 2012: February 28 - March 1, 2012	Kurtz, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110457	Photovoltaic Module Reliability Workshop 2011: February 16-17, 2011	Kurtz, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110458	Photovoltaic Module Reliability Workshop 2010: February 18-19, 2010	Kurtz, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110460	First International Workshop on Grid Simulator Testing of Wind Turbine Drivetrains: Workshop Proceedings	Gevorgian, V.; Link, H.; McDade, M.; Mander, A.; Fox, J. C.; Rigas, N.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013



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1110461	Master Limited Partnerships and Real Estate Investment Trusts: Opportunities and Potential Complications for Renewable Energy	Feldman, D.; Settle, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110462	Feasibility Study of Economics and Performance of Geothermal Power Generation at the Lakeview Uranium Mill Site in Lakeview, Oregon. A Study	Hillesheim, M.; Mosey, G.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110463	Pressure Relief Devices for High-Pressure Gaseous Storage Systems: Applicability to Hydrogen Technology	Kostival, A.; Rivkin, C.; Buttner, W.; Burgess, R.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111191	Production of Advanced Biofuels via Liquefaction - Hydrothermal Liquefaction Reactor Design: April 5, 2013	Knorr, D.; Lukas, J.; Schoen, P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111193	Analysis of Photovoltaic System Energy Performance Evaluation Method	Kurtz, S.; Newmiller, J.; Kimber, A.; Flottemesch, R.; Riley, E.; Dierauf, T.; McKee, J.; Krishnani, P.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111195	Predicted Versus Actual Savings for a Low-Rise Multifamily Retrofit in Boulder, Colorado	Arena, L.; Williamson, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111199	Regulatory Considerations Associated with the Expanded Adoption of Distributed Solar	Bird, L.; McLaren, J.; Heeter, J.; Linvill, C.; Shenot, J.; Sedano, R.; Migden-Ostrander, J.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111200	Pilot Scale Integrated Biorefinery for Producing Ethanol from Hybrid Algae: Cooperative Research and Development Final Report, CRADA Number CRD-10-	Pienkos, P. T.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111201	Solar Resource Measurements in El Paso, Texas (Equipment CRADA Only): Cooperative Research and Development Final Report, CRADA Number CRD-08-	Andreas, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111203	Ground Source Heat Pump Sub-Slab Heat Exchange Loop Performance in a Cold Climate	Mittereder, N.; Poerschke, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111204	NREL Pyrheliometer Comparison: September 16 to 27, 2013 (NPC-2013)	Reda, I.; Dooraghi, M.; Habte, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111205	Acoustic Array Development for Wind Turbine Noise Characterization	Buck, S.; Roadman, J.; Moriarty, P.; Palo, S.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111206	Multifamily Heat Pump Water Heater Evaluation	Hoeschele, M.; Weitzel, E.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1111207	Moisture Management for High R-Value Walls	Lepage, R.; Schumacher, C.; Lukachko, A.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	11/1/2013
1110452	Realizing a Clean Energy Future: Highlights of NREL Analysis (Brochure)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1110464	Advanced Energy Retrofit Guide: Practical Ways to Improve Energy Performance, K-12 Schools (Book)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1110465	Flexible Coal: Evolution from Baseload to Peaking Plant (Brochure)	Cochran, J.; Lew, D.; Kumar, N.	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1111184	Kohl's Aims for Energy Savings in Warm-Humid Climates (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1111192	Clean Cities Program Contacts (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1111552	NREL Develops OpenEI.org, a Public Website Where Energy Data can be Generated, Shared, and Compared (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1111554	Small Buildings = Big Opportunity for Energy Savings (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1111555	NREL Case Study Leads to International Partnership (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, Colorado	12/1/2013
1059346	Campbell Creek Research Homes FY 2012 Annual Performance Report	Gehl, Anthony C [ORNL]; Munk, Jeffrey D [ORNL]; Jackson, Roderick K [ORNL]; Boudreaux, Philip R [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1060248	Methodology for Determining Radiation Portal Monitor Availability from Daily Files	Guzzardo, Tyler [ORNL]; Enders, Alexander L [ORNL]; Alcalá, Scott [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1060845	Estimating the Energy-Efficiency Potential in the Eastern Interconnection	Brown, Dr. Marilyn Ann [Georgia Institute of Technology]; Wang, Yu [Georgia Institute of Technology]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1060846	Recommended Guanidine Suppressor for the Next-Generation Caustic-Side Solvent Extraction Process	Moyer, Bruce A [ORNL]; Delmau, Laetitia Helene [ORNL]; Duncan, Nathan C [ORNL]; Ensor, Dale	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1063154	Y-12 NATIONAL SECURITY COMPLEX BIOLOGICAL MONITORING AND ABATEMENT PROGRAM PLAN	Peterson, Mark J [ORNL]; Mathews, Teresa J [ORNL]; Ryon, Michael G [ORNL]; Smith, John G [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1069330	Advanced Membrane Separation Technologies For Energy Recovery From Industrial Process Streams	Keiser, James R [ORNL]; Wang, Dexin [Gas Technology Institute]; Bischoff, Brian L [ORNL]; Ciora Jr, Richard J	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1076901	DISFRAC Version 2.0 Users Guide	Cochran, Kristine B [ORNL]; Erickson, Marjorie A [ORNL]; Williams, Paul T [ORNL]; Klasky, Hilda B [ORNL]; Bass,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2013
1061562	Criticality Safety Validation of SCALE 6.1 (Revised)	Marshall, William BJ J [ORNL]; Rearden, Bradley T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1062614	High Pressure Response of Siliceous Materials	Wereszczak, Andrew A [ORNL]; Morrissey, Timothy G [ORNL]; Ferber, Mattison K [ORNL]; Bortle, Kaye P	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1062616	National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers; Guidance for Calculating	Cox, Daryl [ORNL]; Papar, Riyaz [Hudson Technologies]; Wright, Dr. Anthony [ALW Consulting]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1063828	Enhanced Ex-Vessel Analysis for Fukushima Daiichi Unit 1: Melt Spreading and Core-Concrete Interaction Analyses with MELTSPREAD & CORQUENCH	Robb, Kevin R [ORNL]; Farmer, Mitchell [Argonne National Laboratory (ANL)]; Francis, Matthew W [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1067309	Reported Energy and Cost Savings from the DOE ESPC Program: FY 2012	Slattery, Bob S [ORNL]; Shonder, John A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1067311	Phenylanthracene Derivatives as Heat Transfer Fluids for Concentrating Solar Power: Loop Experiments and Final Report	McFarlane, Joanna [ORNL]; Bell, Jason R [ORNL]; Felde, David K [ORNL]; Joseph III, Robert Anthony [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1067312	Vehicle Technologies' Fact of the Week 2012	Davis, Stacy Cagle [ORNL]; Diegel, Susan W [ORNL]; Moore, Sheila A [ORNL]; Boudny, Robert Gary [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1068740	Domestic and International Nuclear Energy Voluntary Consensus Standards Needs	Hopper, Calvin Mitchell [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1073678	Post Irradiation Examination Capabilities for Structural and Non-fuel Materials at Oak Ridge National Laboratory	Robertson, Janet [ORNL]; Williams, Alta Marie [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1076906	LWRS Program - Updates of High-Fluence Induced Microstructural Evolution of Austenitic Stainless Steels under LWR Relevant Conditions	Busby, Jeremy T [ORNL]; Tan, Lizhen [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2013
1068745	2012 Vehicle Technologies Market Report	Davis, Stacy Cagle [ORNL]; Diegel, Susan W [ORNL]; Boudny, Robert Gary [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2013
1072149	Commercialization of New Carbon Fiber Materials Based on Sustainable Resources for Energy Applications	Eberle, Cliff [ORNL]; Webb, Daniel C [ORNL]; Albers, Tracy [GraTech International]; Chen, Chong [GraTech	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2013
1073000	Evaluation of Suitability of Selected Set of Coal Plant Sites for Repowering with Small Modular Reactors	Belles, Randy [ORNL]; Copinger, Donald A [ORNL]; Mays, Gary T [ORNL]; Omitaomu, Olufemi A [ORNL]; Poore III,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2013

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1073001	Evaluation of Suitability of Selected Set of Department of Defense Military Bases and Department of Energy Facilities for Siting a Small Modular Reactor	Poore III, Willis P [ORNL]; Belles, Randy [ORNL]; Mays, Gary T [ORNL]; Omataomu, Olufemi A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2013
1072153	Combined Heat and Power: Enabling Resilient Energy Infrastructure for Critical Facilities	Hampson, Anne [Energy and Environmental Analysis, Inc., an ICF Company]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1072995	TITANIUM SHEET PRODUCTION FROM COMMERCIAL POWDERS	Muth, Thomas R [ORNL]; Peter, William H [ORNL]; Yamamoto, Yukinori [ORNL]; Chen, Wei [ORNL]; Harper,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1074440	Fukushima Daiichi - A Case Study for BWR Instrumentation and Control Systems Performance during a Severe Accident Rev 0	Clayton, Dwight A [ORNL]; Poore III, Willis P [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1076887	Consequences of Fuel Failure on Criticality Safety of Used Nuclear Fuel	Marshall, William BJ J [ORNL]; Wagner, John C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1076912	Upgrade and Operation of the Second Generation Two-Modulator Generalized Ellipsometry Microscope (2-MGEM2)	Jellison Jr, Gerald Earle [ORNL]; Hunn, John D [ORNL]; Breninger, Andrew H. [Hinds Instruments, Inc.]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1078177	Status Report on Modeling and Analysis of Small Modular Reactor Economics	Harrison, Thomas J [ORNL]; Hale, Richard Edward [ORNL]; Moses, Rebecca J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2013
1079287	KEY PERFORMANCE METRICS FOR CLEAN ENERGY APPLICATION CENTERS: FISCAL YEAR 2011	Schweitzer, Martin [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1080251	Neutronic analysis of candidate accident-tolerant iron alloy cladding concepts	George, Nathan M [ORNL]; Terrani, Kurt A [ORNL]; Powers, Jeffrey J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1080252	Modeling the Effect of High Background Mitigation Techniques on Radiation Portal Monitors	Guzzardo, Tyler [ORNL]; Solodov, Alexander A [ORNL]; Livesay, Jake [ORNL]; Gross, Ian G [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1082100	Hierarchical Cluster Analysis of Service Usage and Geographic Variation in Medicare Spending	Vacha, Linnert [Oak Ridge National Laboratory (ORNL)]; Schryver, Jack C [ORNL]; Shankar, Mallikarjun [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1088136	Evaluation of Disposition Options for Mark-18A (MK-18A) Target Materials	Robinson, Sharon M [ORNL]; Alexander, Charles W [ORNL]; Allender, Jeffery [Savannah River Site, U.S.]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1088139	Global Cylinder Identification and Monitoring System: Nonproliferation Concerns and Baseline Definition	White-Horton, Jessica L [ORNL]; Whitaker, J Michael [ORNL]; Morgan, James B [ORNL]; Branney, Sean	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1090493	Engine Materials Compatibility with Alternate Fuels	Thomson, Jeffery K [ORNL]; Pawel, Steven J [ORNL]; Wilson, Dane F [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2013
1083000	Evidence-Based Background Material Underlying Guidance for Federal Agencies in Implementing Strategic Sustainability Performance Plans - Implementing	Malone, Elizabeth L. [Pacific Northwest National Laboratory (PNNL)]; Sanquist, Tom [Pacific Northwest	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1086643	Beyond Guaranteed Savings: Additional Cost Savings Associated With ESPC Projects	Shonder, John A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1087044	Technical and Economic Feasibility Assessment of Small Hydropower Development in the Deschutes River Basin	Zhang, Qin Fen [ORNL]; Uria Martinez, Rocio [ORNL]; Saulsbury, Bo [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1087045	Status and Prospects of the Global Automotive Fuel Cell Industry and Plans for Deployment of Fuel Cell Vehicles and Hydrogen Refueling Infrastructure	Greene, David L [ORNL]; Duleep, Gopal [HD Systems]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1087054	SystemBurn: Principles of Design and Operation Release 3.1	Lothian, Josh [ORNL]; Baker, Matthew B [ORNL]; Schrock, Jonathan [ORNL]; Poole, Stephen W [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1089232	Wireless for Steel Energy Efficiency Final Report	Allgood, Glenn O [ORNL]; Manges, Wayne W [ORNL]; Lake, Joe E [ORNL]; Sawyers, Mariann Morelock [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2013
1087039	Fully Ceramic Microencapsulated (FCM) Replacement Fuel for LWRs	Powers, Jeffrey J [ORNL]; Lee, Won Jae [Korea Atomic Energy Research Institute]; Venneri, Francesco [Ultra	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1087046	Summary of Large Concrete Samples	Clayton, Dwight A [ORNL]; Smith, Cyrus M [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1087498	Environmental Regulation Impacts on Eastern Interconnection Performance	Markham, Penn N [ORNL]; Liu, Yilu [ORNL]; Young II, Marcus Aaron [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1089331	Evaluation of Manufacturability of Embedded Sensors and Controls with Canned Rotor Pump System	Kisner, Roger A [ORNL]; Fugate, David L [ORNL]; Melin, Alexander M [ORNL]; Holcomb, David Eugene [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1093743	Improving Heat Recovery In Biomass-Fired Boilers	Keiser, James R [ORNL]; Sharp, W.B.A. (Sandy) [SharpConsultant]; Singbeil, Douglas [FPInnovations];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1095660	A DEPLOYABLE FAST-NEUTRON CODED-APERTURE IMAGER FOR QUANTIFYING NUCLEAR MATERIAL	Hausladen, Paul [ORNL]; Newby, Jason [ORNL]; Liang, J Felix [ORNL]; Blackston, Matthew A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2013
1089338	Quantifying the Impact of Single Bit Flips on Floating Point Arithmetic	Elliott, James J [ORNL]; Mueller, Frank [North Carolina State University]; Stoyanov, Miroslav K [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1091660	Roadmap to a Sustainable Structured Trusted Employee Program	Coates, Cameron W [ORNL]; Eisele, Gerhard R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1092255	Component and System Level Research of Variable Capacity Heat Pumps	Munk, Jeffrey D [ORNL]; Halford, Christopher K [ORNL]; Jackson, Roderick K [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1092298	Comparison of Different Internal Dosimetry Systems for Selected Radionuclides Important to Nuclear Power Production	Leggett, Richard Wayne [ORNL]; Eckerman, Keith F [ORNL]; Manger, Ryan P [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1095715	Energy, Carbon-emission and Financial Savings from Thermostat Control	Blasing, T J [ORNL]; Schroeder, Dana [University of Georgia, Athens, GA]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1095717	Impurity Diffusion Coefficients of Al and Zn in Mg Determined from Solid-to-Solid Diffusion Couples	Kammerer, Catherine [University of Central Florida, Orlando]; Kulkarni, Nagraj S [ORNL]; Warmack, Robert J	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1095726	Final Report - Recovery Act - Development and application of processing and process control for nano-composite materials for lithium ion batteries	Daniel, Claus [ORNL]; Armstrong, Beth L [ORNL]; Maxey, L Curt [ORNL]; Sabau, Adrian S [ORNL]; Wang, Hsin	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1107831	Supervisory Control System Architecture for Advanced Small Modular Reactors	Cetiner, Sacit M [ORNL]; Cole, Daniel L [University of Pittsburgh]; Fugate, David L [ORNL]; Kisner, Roger A	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1110942	Transportation Energy Data Book: Edition 32	Davis, Stacy Cagle [ORNL]; Diegel, Susan W [ORNL]; Boundy, Robert Gary [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2013
1093095	UML and SOA Overview with Example Applications to the xLPR V.2 Project	Klasky, Hilda B [ORNL]; Williams, Paul T [ORNL]; Bass, Bennett Richard [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1093096	A Role-Based Access Control (RBAC) Schema for REAP Web App	Klasky, Hilda B [ORNL]; Tadinada, Sashi [ORNL]; Williams, Paul T [ORNL]; Bass, Bennett Richard [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1093746	Radiation Embrittlement Archive Web App User Guide	Klasky, Hilda B [ORNL]; Williams, Paul T [ORNL]; Bass, Bennett Richard [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1095148	Communication Requirements and Concept of Operation for Sensor Networks	Clayton, Dwight A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1095157	Decomposition Analysis of Neodymium Loaded Resin	Hunley, Riley D [ORNL]; Voit, Stewart L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1095161	Evaluation of Ultrasonic Techniques on Concrete Structures	Clayton, Dwight A [ORNL]; Smith, Cyrus M [ORNL]; Ferraro, Dr. Christopher C. [Lynch and Ferraro	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1095665	Digital Mapping and Environmental Characterization of National Wild and Scenic River Systems	McManamay, Ryan A [ORNL]; Bosnal, Peter [National Park Service]; Hetrick, Shelaine L [ORNL]; Smith,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013

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1096306	Initial assessment of environmental effects on SiC/SiC composites in helium-cooled nuclear systems	Contescu, Cristian I [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1105920	HOMEOWNER DECISION MAKING AND BEHAVIOR RELATING TO DEEP HOME RETROFITS - Results of Homeowner Interviews	Wolfe, Amy K [ORNL]; Hendrick, Timothy P [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1110968	Gen IV Materials Handbook Functionalities and Operation (4A) Handbook Version 4.0	Ren, Weiju [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2013
1095669	Advanced Materials in Support of EERE Needs to Advance Clean Energy Technologies Program Implementation	Liby, Alan L [ORNL]; Rogers, Hiram [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1096281	Preparing the Way for New Policy Regarding Adaptation of US Electricity Infrastructure to Climate Change	Allen, Melissa R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1096290	Heavy and Overweight Vehicle Brake Testing: Five-Axle Combination Tractor-Flatbed Final Report	Lascurain, Mary Beth [ORNL]; Capps, Gary J [ORNL]; Franzese, Oscar [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1096324	THE DEPLOYABLE FAST-NEUTRON CODED-APERTURE IMAGER: DEMONSTRATION OF LOCATING ONE OR MORE SOURCES IN THREE DIMENSION	Hausladen, Paul [ORNL]; Newby, Jason [ORNL]; Liang, J Felix [ORNL]; Blackston, Matthew A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1096325	Feasibility and Demonstration of a Cloud-Based RIID Analysis System Annual Report	Wright, Michael C [ORNL]; Sword, Eric D [ORNL]; Younkin, James R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1097486	Deployment of CF8C-Plus Cast Stainless Steels	Pint, Bruce A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1097493	Deployment of Alumina Forming Austenitic (AFA) Stainless Steel	Brady, Michael P [ORNL]; Yamamoto, Yukinori [ORNL]; Muralidharan, Govindarajan [ORNL]; Rogers, Hiram	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1097494	ADVANCED NEUTRON GENERATOR FOR SNM IMAGING	Leung, Ka-Ngo [Berkion Technologies, LLC / University of California Berkeley]; Morse, Daniel [Sandia National	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1097495	The commercial development of water repellent coatings for high voltage transmission lines	Hunter, Scott Robert [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1098191	MODELING THE DEMAND FOR E85 IN THE UNITED STATES	Liu, Changzheng [ORNL]; Greene, David L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1104813	Annual Report on the Investigation of the LiCaAlF6:Eu Scintillator Family for Next Generation Neutron Detection	Harrison, Mark J [ORNL]; Boatner, Lynn A [ORNL]; Neal, John S [ORNL]; Singh, David J [ORNL]; Du, Mao-Hua	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1105930	The Production Process, Thermophysical Properties, and Quality Assurance Process for the Provision of Enhanced Accident Tolerant Fuels: ORNL Rodlets for	Bell, Gary L [ORNL]; Vance, Mark Christopher [ORNL]; Terrani, Kurt A [ORNL]; Snead, Lance Lewis [ORNL]; Shih,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1110927	Documentation of a Linked-Population Viability Model to Evaluate Recovery Options for Snake River Fall Chinook Salmon	Jager, Yetta [ORNL]; Chandler, James A. [Idaho Power Company]; Groves, Phillip A. [Idaho Power Company]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1110966	Comparison of Frictional Heating Models	Davies, Nicholas R [ORNL]; Blau, Peter Julian [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2013
1105937	ADVANTG An Automated Variance Reduction Parameter Generator	Mosher, Scott W [ORNL]; Beville, Aaron M [ORNL]; Johnson, Seth R [ORNL]; Ibrahim, Ahmad M [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2013
1107839	Fluoride Salt-Cooled High-Temperature Reactor Technology Development and Demonstration Roadmap	Holcomb, David Eugene [ORNL]; Flanagan, George F [ORNL]; Mays, Gary T [ORNL]; Pointer, William David	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2013
1107841	Additional EIPC Study Analysis: Interim Report on High Priority Topics	Hadley, Stanton W [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2013
1110872	ESA Protection for the American Eel: Implications for US Hydropower	Jager, Yetta [ORNL]; Elrod, Brenna L [ORNL]; Samu, Nicole M [ORNL]; McManamay, Ryan A [ORNL]; Smith,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2013
1111445	Assessment of Industrial Load for Demand Response across Western Interconnect	Alkadi, Nasr E [ORNL]; Starke, Michael R [ORNL]; Ma, Ookie [United States Department of Energy (DOE),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2013
1111446	ORNL's 3rd Annual Southeast Sustainability Summit Post-Event Report	Lapsa, Melissa Voss [ORNL]; Cripps, Molly [Tennessee Department of Energy and Conservation (TDEC)];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	12/1/2013
1073610	Advanced Membrane Separation Technologies for Energy Recovery from Industrial Process Streams	Keiser, J. R.; Wang, D. [Gas Technology Institute]; Bischoff, B.; Ciora, [Media and Process Technology];	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	1/14/2013
1077199	Engine Materials Compatability with Alternative Fuels	Pawel, Steve [Oak Ridge National Laboratory]; Moore, D. [USCAR]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	4/5/2013
1079276	Near Net Shape Manufacturing of New, Low Cost Titanium Powders for Industry	Peter, William H [ORNL]; Yamamoto, Yukinori [ORNL]; Chen, Wei [ORNL]; Dehoff, Ryan R [ORNL]; Nunn,	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	5/1/2013
1078118	Superhydrophobic Materials Technology-PVC Bonding Techniques	Hunter, Scott R. [Oak Ridge National Laboratory]; Efird, Marty [VeloFlow, LLC]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	5/3/2013
1080358	Ground Source Integrated Heat Pump (GS-IHP) Development	Baxter, V. D. [ORNL]; Rice, K. [ORNL]; Murphy, R. [ORNL]; Munk, J. [ORNL]; Ally, Moonis [ORNL]; Shen, Bo	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	5/24/2013
1089785	Numerical Analysis of Fixed Point Algorithms in the Presence of Hardware Faults	Stoyanov, Miroslav K [ORNL]; Webster, Clayton G [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	8/1/2013
1105981	Multiscale Toxicology- Building the Next Generation Tools for Toxicology	Retterer, S. T. [ORNL]; Holsapple, M. P. [Battelle Memorial Institute]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	10/31/2013
1105988	The commercial development of water repellent coatings for high voltage transmission lines	Hunter, S. R. [ORNL]; Daniel, A. [Southwire Company]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	10/31/2013
1105992	Ionic Liquids as Novel Lubricants and /or Lubricant Additives	Qu, J. [ORNL]; Viola, M. B. [General Motors Company]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	10/31/2013
1110805	Simulink/PARS Integration Support	Vacaliuc, B. [ORNL]; Nakhaee, N. [Sundance DSP, Inc.]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	12/18/2013
1060885	FINAL REPORT: Transformational electrode drying process	Claus Daniel, C.; Wixom, M. (A123 Systems, Inc.)	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge	12/19/2013
1072152	Field Testing of Low-Cost Bio-Based Phase Change Material	Biswas, Kaushik [ORNL]; Childs, Phillip W [ORNL]; Atchley, Jerald Allen [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	3/1/2013
1089250	Flexible Opportunity Fuels for Process Heat and Steam Generation	Lemar Jr, Paul L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	7/1/2013
1089777	Compressor Calorimeter Test of R-404A Alternatives ARM-31a, D2Y-65, L-40, and R32 + R-134a Mixture using a Scroll Compressor	Shrestha, Som S [ORNL]; Sharma, Vishaldeep [ORNL]; Abdelaziz, Omar [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	8/1/2013
1093088	Field Testing of Nano-PCM Enhanced Building Envelope Components	Biswas, Kaushik [ORNL]; Childs, Phillip W [ORNL]; Atchley, Jerald Allen [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	8/1/2013
1095628	DOE Building America Technology and Energy Savings Analysis of Two 2721 ft2 Homes in a Mixed Humid Climate	Jackson, Roderick K [ORNL]; Christian, Jeffrey E [ORNL]; Khowailed, Gannate A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	9/1/2013
1095662	Optimization of Ventilation Energy Demands and Indoor Air Quality in the ZEBAlliance Homes	Hun, Diana E [ORNL]; Shrestha, Som S [ORNL]; Jackson, Mark C [University of Texas at Austin]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	9/1/2013
1096318	Summary Report: Development of a New ASTM Standard Test Method for Phase Change Materials	Biswas, Kaushik [ORNL]; Stovall, Therese K [ORNL]; Desjarlais, Andre Omer [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	9/1/2013
1097492	IEA HPP Annex 41 Cold Climate Heat Pumps: Task 1 Report Literature and Technology Review United States - ORNL/TM-2013/472	Baxter, Van D [ORNL]; Groll, Dr. Eckhard A. [Purdue University, Ray W. Herrick Labs]; Abdelaziz, Omar	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	10/1/2013

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1110845	SPRAY FOAM IN ACCESSIBLE SPACES: BEST PRACTICES AND CASE STUDIES FOR RETROFIT IN MIXED-HUMID CLIMATE	Christian, Jeffrey E [ORNL]; Gant, Kathy [Oak Ridge National Laboratory (ORNL)]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	12/1/2013
1089800	Compressor Calorimeter Test of R-410A Alternatives R-32, DR-5, and L-41a	Shrestha, Som S [ORNL]; Mahderekal, Isaac [ORNL]; Sharma, Vishaldeep [ORNL]; Abdelaziz, Omar [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Building T	2/1/2013
1093099	In-Situ Statistical Analysis of Autotune Simulation Data using Graphical Processing Units	Ranjjan, Niloo [ORNL]; Sanyal, Jibonananda [ORNL]; New, Joshua Ryan [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Center for	8/1/2013
1105939	Sustainable Transportation Program FY 2012 Annual Report	Vaughan, Kathi H [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Fuels, Eng	10/1/2013
1083739	Preliminary Examination of Ethanol Fuel Effects on EPA's R-factor for Vehicle Fuel Economy	Sluder, Scott [ORNL]; West, Brian H [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Fuels, Eng	6/1/2013
1092302	Compatibility Study for Plastic, Elastomeric, and Metallic Fueling Infrastructure Materials Exposed to Aggressive Formulations of Isobutanol-blended Gasoline	Kass, Michael D [ORNL]; Janke, Christopher James [ORNL]; Pawel, Steven J [ORNL]; Thomson, Jeffery K	TR	ORNL	Oak Ridge National Laboratory (ORNL); Fuels, Eng	9/1/2013
1096323	Impact of HFIR LEU Conversion on Beryllium Reflector Degradation Factors	Ilas, Dan [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Flux	10/1/2013
1107842	Fusion Materials Research at Oak Ridge National Laboratory - Progress during Fiscal Year 2013: October 1, 2012 through September 30, 2013	Wiffen, Frederick W [ORNL]; Snead, Lance Lewis [ORNL]; Mecherle, Erich B [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Flux	11/1/2013
1095707	2012 Annual Progress Report for Propulsion Materials	Haynes, James A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	2/1/2013
1079284	Application of Wear-Resistant, NanoComposite Coatings Produced from Iron-Based Glassy Powders	Peter, William H [ORNL]; Dehoff, Ryan R [ORNL]; Blau, Peter Julian [ORNL]; Yamamoto, Yukinori [ORNL]; Chen,	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	5/1/2013
1091652	Progress Letter Report on Bending Fatigue Test System Development for Spent Nuclear Fuel Vibration Integrity Study (Out-of-cell fatigue testing development -	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]; Cox, Thomas S [ORNL]; Baldwin, Charles A [ORNL]; Bevard,	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	8/1/2013
1091658	Progress Report on Reverse Bending Fatigue Testing of Zry-4 Surrogate Rod	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	8/1/2013
1098176	Shear Rolling of Magnesium Sheet for Automotive, Defense, and Energy Applications	Muralidharan, Govindarajan [ORNL]; Muth, Thomas R [ORNL]; Peter, William H [ORNL]; Watkins, Thomas R	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	10/1/2013
1095638	Methodology for Mechanical Property Testing on Fuel Cladding Using an Expanded Plug Wedge Test	Wang, Jy-An John [ORNL]; Jiang, Hao [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); High Temp	8/1/2013
1097490	Hierarchy-Direction Selective Approach for Locally Adaptive Sparse Grids	Stoyanov, Miroslav K [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); National T	9/1/2013
1110977	FY2013 Oak Ridge National Laboratory Annual Progress Report for the Power Electronics and Electric Motors Program	Miller, John M [ORNL]; Gambrell, Kathleen Prater [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); National T	11/1/2013
1104795	Ceph Parallel File System Evaluation Report	Wang, Feiyi [ORNL]; Oral, H Sarp [ORNL]; Fuller, Douglas [ORNL]; Caldwell, Blake A [ORNL]; Simmons, James A	TR	ORNL	Oak Ridge National Laboratory (ORNL); Oak Ridge	11/1/2013
1105948	Project Final Report: HPC-Colony II	Jones, Terry R [ORNL]; Kale, Laxmikant V [University of Illinois, Urbana-Champaign]; Moreira, Jose [IBM T. J.	TR	ORNL	Oak Ridge National Laboratory (ORNL); Oak Ridge	11/1/2013
1105949	ALCC Allocation Final Report: HPC Colony II	Jones, Terry R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Oak Ridge	11/1/2013
1089771	Developing Load Cell Monitoring on the Mock UF6 Feed and Withdrawal System	Snow, Ross D [ORNL]; Garner, James R [ORNL]; Whitaker, J Michael [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL); Safeguard	4/1/2013
1095639	Improved Processing of High Alloy Steels for Wear Components in Energy Generation Systems, Transportation and Manufacturing Systems	Peter, William H [ORNL]; Liby, Alan L [ORNL]; Chen, Wei [ORNL]; Yamamoto, Yukinori [ORNL]; Blau, Peter Julian	TR	ORNL	Oak Ridge National Laboratory (ORNL); Shared Re	10/1/2013
1080248	Magnetic Processing of Steel Strip and Next Generation Alloys	Ludtka, Gerard Michael [ORNL]; Ludtka, Gail Mackiewicz [ORNL]; Rios, Orlando [ORNL]; Wilgen, John B [ORNL];	TR	ORNL	Oak Ridge National Laboratory (ORNL); Shared Re	5/1/2013
1096452	Technological cost%3CU%2B2010%3EReduction pathways for axial%3CU%2B2010%3Eflow turbines in the marine hydrokinetic environment.	Laird, Daniel L.; Johnson, Erick L.; Ochs, Margaret Ellen; Boren, Blake [Oregon State University, Corvallis, OR]	TR	SNL	Oregon State University, Corvallis, OR; Sandia Nat	5/1/2013
1097334	Climate policy implications for agricultural water demand	Chaturvedi, Vaibhav [Joint Global Change Research Inst., College Park, MD (United States)]; Hejazi, Mohamad I.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	3/1/2013
1097335	Initial Assessment of U.S. Refineries for Purposes of Potential Bio-Based Oil Insertions	Freeman, Charles J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jones, Susanne	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	4/1/2013
1060648	Review of Recent Literature Relevant to the Environmental Effects of Marine and Hydrokinetic Energy Devices; Task 2.1.3: Effects on Aquatic Organisms -	Kropp, Roy K.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1061407	Assessment of the Group 3-4 (HV-S1, HV-S2, IHLW-S1) Stack Sampling Probe Locations for Compliance with ANSI/HPS N13.1-1999	Glissmeyer, John A.; Flaherty, Julia E.; Antonio, Ernest J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1068652	Surface Treatments for Improved Performance of Spinel-coated AISI 441 Ferritic Stainless Steel	Stevenson, Jeffrey W.; Riel, Eric M.; Stephens, Elizabeth V.; Khaleel, Mohammad A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1069205	Modeling and Simulation Optimization and Feasibility Studies for the Neutron Detection without Helium-3 Project	Ely, James H.; Siciliano, Edward R.; Swinhoe, Martyn T.; Lintereur, Azaree T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1074311	Assessment of the Mechanical Stress Improvement Process for Mitigating Primary Water Stress Corrosion Cracking in Nickel Alloy Butt Welds in Piping	Sullivan, Edmund J.; Anderson, Michael T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1077994	State-of-the-Art of Social Media Analytics Research	Gastelum, Zoe N.; Whattam, Kevin M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/1/2013
1060649	NV Energy Large-Scale Photovoltaic Integration Study: Intra-Hour Dispatch and AGC Simulation	Lu, Shuai; Etingov, Pavel V.; Meng, Da; Guo, Xinxin; Jin, Chunlian; Samaan, Nader A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/2/2013
1060650	Commercial Building Energy Asset Score System: Program Overview and Technical Protocol (Version 1.0)	Wang, Na; Gorrissen, Willy J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/11/2013
1063731	Pore-Water Extraction Scale-Up Study for the SX Tank Farm	Truex, Michael J.; Oostrom, Martinus; Wietsma, Thomas W.; Last, George V.; Lanigan, David C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/15/2013
1071988	Modeling the Air Flow in the 3410 Building Filtered Exhaust Stack System	Recknagle, Kurtis P.; Barnett, J. Matthew; Suffield, Sarah R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/23/2013
1063080	Energy Savings for Occupancy-Based Control (OBC) of Variable-Air-Volume (VAV) Systems	Zhang, Jian; Lutes, Robert G.; Liu, Guopeng; Brambley, Michael R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/24/2013
1063729	Trial Application of the Facility Safeguardability Assessment Process to the NuScale SMR Design	Coles, Garill A.; Hockert, John; Gitau, Ernest TN; Zentner, Michael D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/26/2013
1069209	Development of a Chemistry-Based, Predictive Method for Determining the Amount of Non-Pertechnetate Technetium in the Hanford Tanks: FY 2012	Rapko, Brian M.; Bryan, Samuel A.; Bryant, Janet L.; Chatterjee, Sayande; Edwards, Matthew K.; Houchin,	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/30/2013
1063079	Modeling of GE Appliances: Final Presentation	Fuller, Jason C.; Vyakaranam, Bharat; Leistriz, Sean M.; Parker, Graham B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/31/2013
1063732	Using Third-Party Inspectors in Building Energy Codes Enforcement in India	Yu, Sha; Evans, Meredydd; Kumar, Pradeep; Van Wie, Laura; Bhatt, Vatsal	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/31/2013
1069206	Analysis of ISO NE Balancing Requirements: Uncertainty-based Secure Ranges for ISO New England Dynamic Inerchange Adjustments	Etingov, Pavel V.; Makarov, Yuri V.; Wu, Di; Hou, Zhangshuan; Sun, Yannan; Maslennikov, S.; Luo, X.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	1/31/2013
1063730	Implications of Representative Concentration Pathway 4.5 Methane Emissions to Stabilize Radiative Forcing	Emanuel, William R.; Janetos, Anthony C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Ric	2/1/2013

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1064574	Assessment of Waste Treatment Plant Lab C3V (LB-S1) Stack Sampling Probe Location for Compliance with ANSI/HPS N13.1-1999	Glissmeyer, John A.; Geeting, John GH	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1067960	Characterization of Fish Passage Conditions through the Fish Weir and Turbine Unit 1 at Foster Dam, Oregon, Using Sensor Fish, 2012	Duncan, Joanne P.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1068650	Market Research Survey of Commercial Off-The-Shelf (COTS) Portable MS Systems for IAEA Safeguards Applications	Hart, Garret L.; Hager, George J.; Barinaga, Charles J.; Duckworth, Douglas C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1069208	Highly Insulating Windows Volume Purchase Program Final Report	Parker, Graham B.; Mapes, Terry S.; Zalis, WJ	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1072906	Materials Degradation and Detection (MD2): Deep Dive Final Report	McCloy, John S.; Montgomery, Robert O.; Ramuhalli, Pradeep; Meyer, Ryan M.; Hu, Shenyang Y.; Li, Yulan;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1077996	An Approach for Assessing the Signature Quality of Various Chemical Assays when Predicting the Culture Media Used to Grow Microorganisms	Holmes, Aimee E.; Sego, Landon H.; Webb-Robertson, Bobbie-Jo M.; Kreuzer, Helen W.; Anderson, Richard M.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1079745	GIS Framework for Large River Geomorphic Classification to Aid in the Evaluation of Flow-Ecology Relationships	Vernon, Christopher R.; Arntzen, Evan V.; Richmond, Marshall C.; McManamay, R. A.; Hanrahan, Timothy P.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/1/2013
1063078	Streamlining and Refining FEDS Loads Models - Final Report	Dahowski, Robert T.; Dirks, James A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/5/2013
1097942	Soil Vapor Extraction System Optimization, Transition, and Closure Guidance	Truex, Michael J.; Becker, Dave; Simon, Michelle A.; Oostrom, Martinus; Rice, Amy K.; Johnson, Christian D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/8/2013
1064575	Monitoring Building Systems for Schedule Compliance	Jensen, Andrew M.; Belew, Shan T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/19/2013
1069207	Entropy-Bayesian Inversion of Time-Lapse Tomographic GPR data for Monitoring Dielectric Permittivity and Soil Moisture Variations	Hou, Zhangshuan; Terry, Neil C.; Hubbard, Susan S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/22/2013
1067961	User Guide for the STAYSL PNNL Suite of Software Tools	Greenwood, Lawrence R.; Johnson, Christian D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/27/2013
1071989	The Efficacy of Ultraviolet Radiation for Sterilizing Tools Used for Surgically Implanting Transmitters into Fish	Walker, Ricardo W.; Markillie, Lye Meng; Colotelo, Alison HA; Gay, Marybeth E.; Woodley, Christa M.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/28/2013
1074312	Life-Cycle Assessment of Energy and Environmental Impacts of LED Lighting Products, Part 3: LED Environmental Testing	Tuenge, Jason R.; Hollomon, Brad; Dillon, Heather E.; Snowden-Swan, Lesley J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1079129	Optimization of Hydroacoustic Equipment Deployment at Foster Dam, 2013	Hughes, James S.; Johnson, Gary E.; Ploskey, Gene R.; Hennen, Matthew J.; Fischer, Eric S.; Zimmerman, Shon	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1079130	Demonstration Assessment of Light-Emitting Diode Parking Structure Lighting at U.S. Department of Labor Headquarters	Kinzey, Bruce R.; Myer, Michael	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1084180	Transitioning to High Performance Homes: Successes and Lessons Learned From Seven Builders	Widder, Sarah H.; Kora, Angela R.; Baechler, Michael C.; Fonorow, Ken; Jenkins, David W.; Stroer, Dennis	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1086413	Targeted Energy Efficiency Expert Evaluation Report: Neal Smith Federal Building, Des Moines, IA	Fernandez, Nicholas; Goddard, James K.; Underhill, Ronald M.; Gowri, Krishnan	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1086414	Targeted Energy Efficiency Expert Evaluation (E4) Report: Iowa City Federal Building and U.S. Post Office, Iowa City, IA	Goddard, James K.; Fernandez, Nicholas; Underhill, Ronald M.; Gowri, Krishnan	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1086415	Targeted Energy Efficiency Expert Evaluation (E4) Report: Bannister Federal Complex, Kansas City, MO	Goddard, James K.; Fernandez, Nicholas; Underhill, Ronald M.; Gowri, Krishnan	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1096694	Outcomes of the 2013 GTO Workshop on Geothermal Code Comparison	Scheibe, Timothy D.; White, Mark D.; White, Signe K.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/1/2013
1086918	Grand Challenges of Advanced Computing for Energy Innovation Report from the Workshop Held July 31-August 2, 2012	Larzelere, Alex R.; Ashby, Steven F.; Christensen, Dana C.; Crawford, Dona L.; Khaleel, Mohammad A.; John,	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/6/2013
1068651	Science Drivers and Technical Challenges for Advanced Magnetic Resonance	Mueller, Karl T.; Pruski, Marek; Washton, Nancy M.; Lipton, Andrew S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/7/2013
1078000	Development of an Online Toolkit for Measuring Commercial Building Energy Efficiency Performance -- Scoping Study	Wang, Na	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/13/2013
1074314	Deep Vadose Zoneâ€”Applied Field Research Initiative Fiscal Year 2012 Annual Report	Wellman, Dawn M.; Truex, Michael J.; Johnson, Timothy C.; Bunn, Amoret L.; Golovich, Elizabeth C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/14/2013
1082603	Evaluating greenhouse gas emissions from hydropower complexes on large rivers in Eastern Washington	Arntzen, Evan V.; Miller, Benjamin L.; O'Toole, Amanda C.; Niehus, Sara E.; Richmond, Marshall C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/15/2013
1082604	Test Plan to Evaluate the Relationship Among IAQ, Comfort, Moisture, and Ventilation in Humid Climates	Widder, Sarah H.; Martin, Eric	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/15/2013
1088637	Final Technical Report on Radioxenon Event Analysis	Ely, James H.; Cooper, Matthew W.; Hayes, James C.; Heimbigner, Tom R.; McIntyre, Justin I.; Schrom, Brian T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/15/2013
1077995	Rayleigh-Taylor Instability within Sediment Layers Due to Gas Retention: Preliminary Theory and Experiments	Gauglitz, Phillip A.; Wells, Beric E.; Buchmiller, William C.; Rassat, Scot D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/21/2013
1072908	Laboratory Directed Research and Development Annual Report for 2012	Sullivan, Kelly O.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/22/2013
1074313	Lead Slowing Down Spectrometer Research Plans	Warren, Glen A.; Kulisek, Jonathan A.; Gavron, Victor; Danon, Yaron; Weltz, Adam; Harris, Jason; Stewart, T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/22/2013
1083408	CCSI Technology Readiness Levels Likelihood Model (TRL-LM) Userâ€™s Guide	Engel, David W.; Dalton, Angela C.; Sivaramkrishnan, Chandrika; Lansing, Carina	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/26/2013
1072907	Scoping Report: Advanced Technologies for Multi-Load Washers in Hospitality and Healthcare	Parker, Graham B.; Boyd, Brian K.; Petersen, Joseph M.; Goetzler, W.; Foley, K. J.; Sutherland, T. A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/27/2013
1096128	Letter Report: LAW Simulant Development for Cast Stone Screening Test	Russell, Renee L.; Westsik, Joseph H.; Swanberg, David J.; Eibling, Russell E.; Cozzi, Alex; Lindberg, Michael J.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/27/2013
1077997	2012 Annual Report: Simulate and Evaluate the Cesium Transport and Accumulation in Fukushima-Area Rivers by the TODAM Code	Onishi, Yasuo; Yokuda, Satoru T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/28/2013
1083414	IMPACTS Results Summary for CY 2010	Weakley, Steven A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/28/2013
1077998	Task 3: PNNL Visit by JAEA Researchers to Participate in TODAM Code Applications to Fukushima Rivers and to Evaluate the Feasibility of Adaptation of	Onishi, Yasuo	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/29/2013
1073581	Catalytic Upgrading of Sugars to Hydrocarbons Technology Pathway	Biddy, Mary J.; Jones, Susanne B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1073582	Ex-Situ Catalytic Fast Pyrolysis Technology Pathway	Biddy, Mary J.; Dutta, Abhijit; Jones, Susanne B.; Meyer, Pimphan A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1073583	In-Situ Catalytic Fast Pyrolysis Technology Pathway	Biddy, Mary J.; Dutta, Abhijit; Jones, Susanne B.; Meyer, Pimphan A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1073584	Whole Algae Hydrothermal Liquefaction Technology Pathway	Biddy, Mary J.; Davis, Ryan; Jones, Susanne B.; Zhu, Yunhua	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1073585	Algal Lipid Extraction and Upgrading to Hydrocarbons Technology Pathway	Davis, Ryan; Biddy, Mary J.; Jones, Susanne B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013

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1073586	Biological Conversion of Sugars to Hydrocarbons Technology Pathway	Davis, Ryan; Biddy, Mary J.; Tan, Eric; Tao, Ling; Jones, Susanne B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1073587	Syngas Upgrading to Hydrocarbon Fuels Technology Pathway	Talmadge, M.; Biddy, Mary J.; Dutta, Abhijit; Jones, Susanne B.; Meyer, Pimphan A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	3/31/2013
1076708	Summary of the Undergraduate Mentoring Assistance Program for PNNL	Schwantes, Jon M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/1/2013
1081413	Sequim Site Radionuclide Air Emissions Report for Calendar Year 2012	Snyder, Sandra F.; Barnett, J. Matthew; Gervais, Todd L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/1/2013
1095440	Sensor Characteristics Reference Guide	Cree, Johnathan V.; Dansu, A.; Fuhr, P.; Lanzisera, Steven M.; McIntyre, T.; Muehleisen, Ralph T.; Starke, Reid, Douglas J.; Butner, Ryan S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/1/2013
1097338	Energy and Water Conservation Measures for Hanford (2013)	Reid, Douglas J.; Butner, Ryan S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/1/2013
1105097	Global Threat Reduction Initiative (GTRI) PNNL GTRI Convert Program Program Management Plan	Cleary, Eugene J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/1/2013
1074310	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - Quarterly Report	Nguyen, Ba Nghiep; Simmons, Kevin L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/4/2013
1077993	Technical Needs for Enhancing Risk Monitors with Equipment Condition Assessment for Advanced Small Modular Reactors	Coble, Jamie B.; Coles, Garill A.; Ramuhalli, Pradeep; Meyer, Ryan M.; Berglin, Eric J.; Wootan, David W.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/4/2013
1074309	Letter Report for Characterization of Biochar	Amonette, James E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/9/2013
1079744	Geochemical Impacts of Leaking CO2 from Subsurface Storage Reservoirs to Unconfined and Confined Aquifers	Qafoku, Nikolla; Brown, Christopher F.; Wang, Guohui; Sullivan, E. C.; Lawter, Amanda R.; Harvey, Omar R.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/15/2013
1083407	SPOCS User Guide	Curtis, Darren S.; Phillips, Aaron R.; McCue, Lee Ann	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/15/2013
1077999	Technical Letter Report Development of Flaw Size Distribution Tables Including Effects of Flaw Depth Sizing Errors for Draft 10CFR 50.61a (Alternate PTS Rule)	Simonen, Fredric A.; Gosselin, Stephen R.; Doctor, Steven R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/22/2013
1086416	Boron-10 ABUNCL Prototype Models And Initial Active Testing	Kouzes, Richard T.; Ely, James H.; Lintereur, Azaree T.; Siciliano, Edward R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/23/2013
1095443	Global Threat Reduction Initiative (GTRI) PNNL Program Implementation Guidelines	Freier, Keith D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/23/2013
1079131	Calculating Confidence, Uncertainty, and Numbers of Samples When Using Statistical Sampling Approaches to Characterize and Clear Contaminated Areas	Piepel, Gregory F.; Matzke, Brett D.; Sego, Landon H.; Amidan, Brett G.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/27/2013
1079132	Preliminary Analysis of Grande Ronde Basalt Formation Flow Top Transmissivity as it Relates to Assessment and Site Selection Applications for Fluid/Energy	Spane, Frank A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/29/2013
1083409	Preliminary Evaluation of Removing Used Nuclear Fuel From Nine Shutdown Sites	Maheras, Steven J.; Best, Ralph; Ross, Steven B.; Buxton, Kenneth A.; England, Jeffery L.; McConnell, Paul	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	4/30/2013
1083411	Compliance Monitoring of Subyearling Chinook Salmon Smolt Survival and Passage at Bonneville Dam, Summer 2012	Skalski, J. R.; Townsend, Richard L.; Seaburg, Adam; Ploskey, Gene R.; Weiland, Mark A.; Hughes, James S.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1083412	Compliance Monitoring of Subyearling Chinook Salmon Survival and Passage at The Dalles Dam, Summer 2012	Skalski, J. R.; Townsend, Richard L.; Seaburg, Adam; Ploskey, Gene R.; Weiland, Mark A.; Hughes, James S.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1083413	Compliance Monitoring of Yearling and Subyearling Chinook Salmon and Juvenile Steelhead Survival and Passage at John Day Dam, 2012	Skalski, J. R.; Townsend, Richard L.; Seaburg, Adam; Weiland, Mark A.; Woodley, Christa M.; Hughes, James S.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1083415	Acoustic Telemetry Evaluation of Juvenile Salmonid Passage and Survival at John Day Dam, 2010	Weiland, Mark A.; Woodley, Christa M.; Ploskey, Gene R.; Hughes, James S.; Kim, Jin A.; Deng, Zhiqun; Fu, Tao;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1083416	Development of Models to Simulate Tracer Tests for Characterization of Enhanced Geothermal Systems	Williams, Mark D.; Reimus, Paul; Vermeul, Vincent R.; Rose, Peter; Dean, Cynthia A.; Watson, Tom B.; Newell, Pratt, Sandra H.; Arrigo, Leah M.; Duckworth, Douglas C.; Cloutier, Janet M.; Breshears, Andrew T.; Schwantes, Jon M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1086919	FY12 Final Report for PL10-Mod Separations-PD12: Electrochemically Modulated Separation of Plutonium from Dilute and Concentrated Dissolver Solutions for	Pratt, Sandra H.; Arrigo, Leah M.; Duckworth, Douglas C.; Cloutier, Janet M.; Breshears, Andrew T.; Schwantes, Jon M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1086920	Summary of the Graduate Mentoring Assistance Program for PNNL PNNL 12.006 (April 2012 to May 31, 2013)	Schwantes, Jon M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1087277	Re-Inversion of Surface Electrical Resistivity Tomography Data from the Hanford Site B-Complex	Johnson, Timothy C.; Wellman, Dawn M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1088641	Remedy Evaluation Framework for Inorganic, Non-Volatile Contaminants in the Vadose Zone	Truex, Michael J.; Carroll, Kenneth C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1097937	ISATS Decoder Software Manual	Flory, Adam E.; Lamarche, Brian L.; Weiland, Mark A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/1/2013
1108151	Nuclear Fuel Cycle Reasoner: PNNL FY12 Report	Hohimer, Ryan E.; Pomiak, Yekaterina G.; Neorr, Peter A.; Gastelum, Zoe N.; Strasburg, Jana D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/3/2013
1108160	Effects of Electromagnetic Fields on Fish and Invertebrates Task 2.1.3: Effects on Aquatic Organisms Fiscal Year 2012 Progress Report Environmental Effects of	Woodruff, Dana L.; Cullinan, Valerie I.; Copping, Andrea E.; Marshall, Kathryn E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/20/2013
1089084	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites	Nguyen, Ba Nghiep; Simmons, Kevin L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/30/2013
1095444	Roadmap Document for Pacific Northwest National Laboratory Contribution to the Open Modeling Framework	Fuller, Jason C.; Fisher, Andrew R.; Ciraci, Selim; Hammerstrom, Janelle L.; Hauer, Matthew L.; Schneider, Klymyshyn, Nicholas A.; Sanborn, Scott E.; Adkins, Harold E.; Hanson, Brady D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/30/2013
1095447	FUEL ASSEMBLY SHAKER TEST SIMULATION	Klymyshyn, Nicholas A.; Sanborn, Scott E.; Adkins, Harold E.; Hanson, Brady D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	5/30/2013
1088638	Risk Analysis and Decision Making FY 2013 Milestone Report	Engel, David W.; Dalton, Angela C.; Dale, Crystal; Jones, Edward; Thompson, J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/1/2013
1083410	Transportation Shock and Vibration Literature Review	Maheras, Steven J.; Lahti, Erik A.; Ross, Steven B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/6/2013
1089615	Pacific Northwest National Laboratory Site Radionuclide Air Emissions Report for Calendar Year 2012	Snyder, Sandra F.; Barnett, J. Matthew; Bisping, Lynn E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/6/2013
1095439	Low-e Storm Windows: Market Assessment and Pathways to Market Transformation	Cort, Katherine A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/8/2013
1087813	Demonstration of LED Street Lighting in Kansas City, MO	Kinzey, Bruce R.; Royer, Michael P.; Hadjian, M.; Kauffman, Rick	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/10/2013
1088639	Ion Exchange Testing with SRF Resin FY2012	Russell, Renee L.; Rinehart, Donald E.; Peterson, Reid A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/11/2013
1089081	Project X Energy Station Workshop Report. Report by the Organizers and Co-Conveners of the Project X Energy Station Workshop	Asner, David M.; Huh, Patrick; Brady Raap, Michael E.; Gohar, Yoursy; Peterson, Mary E.; Pithcer, Eric; Riemer, Brooks, Kriston P.; Wunderlich, Gregory M.; McIntire, James R.; Richmond, William G.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/14/2013
1097333	Enhancements in Glovebox Design Resulting from Laboratory-Conducted Fire Tests	Brooks, Kriston P.; Wunderlich, Gregory M.; McIntire, James R.; Richmond, William G.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/14/2013
1086417	Cost-effectiveness of ASHRAE Standard 90.1-2010 Compared to ASHRAE Standard 90.1-2007	Thornton, Brian A.; Halverson, Mark A.; Myer, Michael; Cho, Hee Jin; Loper, Susan A.; Richman, Eric E.; Elliott,	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/18/2013

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1105102	Acoustic Telemetry Evaluation of Juvenile Salmonid Passage and Survival at John Day Dam, 2011	Weiland, Mark A.; Woodley, Christa M.; Ploskey, Gene R.; Hughes, James S.; Hennen, Matthew J.; Kim, Jin A.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/21/2013
1088640	Perched-Water Evaluation for the Deep Vadose Zone Beneath the B, BX, and BY Tank Farms Area of the Hanford Site	Truex, Michael J.; Oostrom, Martinus; Carroll, KC; Chronister, Glen B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/28/2013
1097339	Fuel Fabrication Capability Research and Development Plan	Senor, David J.; Burkes, Douglas	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/28/2013
1107491	NV Energy Electricity Storage Valuation	Ellison, James F.; Bhatnagar, Dhruv; Samaan, Nader A.; Jin, Chunlian	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/30/2013
1093514	Demand Response Performance of GE Hybrid Heat Pump Water Heater	Widder, Sarah H.; Parker, Graham B.; Petersen, Joseph M.; Baechler, Michael C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/1/2013
1095437	EMSL Science Theme Advisory Panel Workshop - Atmospheric Aerosol Chemistry, Climate Change, and Air Quality	Baer, Donald R.; Finlayson-Pitts, Barbara J.; Allen, Heather C.; Bertram, Allan K.; Grassian, Vicki H.; Martin, Jonathan N.; McTague, John P.; O'Donoghue, Michael J.; Seinfeld, John H.; Sorooshian, Farzad; Williams, Robert J.; Ziemann, Paul	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/1/2013
1095438	Non-Intrusive Load Monitoring Assessment: Literature Review and Laboratory Protocol	Butner, R. Scott; Reid, Douglas J.; Hoffman, Michael G.; Sullivan, Greg; Blanchard, Jeremy	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/1/2013
1108988	Developing Secure Power Systems Professional Competence: Alignment and Gaps in Workforce Development Programsâ€”Summary Report	O'Neil, Lori Ross; Assante, Michael; Tobey, D. H.; Conway, T. J.; Vanderhorst, Jr, T. J.; Januszewski, Ill, J.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/1/2013
1089082	Annual Report: 2011-2012 Storm Season Sampling, Non-Dry Dock Stormwater Monitoring for Puget Sound Naval Shipyard, Bremerton, WA	Brandenberger, Jill M.; Metallo, David; Rupert, Brian; Johnston, Robert K.; Gebhart, Christine	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/3/2013
1089083	Boron-10 ABUNCL Active Testing	Kouzes, Richard T.; Ely, James H.; Lintereur, Azaree T.; Siciliano, Edward R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/9/2013
1096129	Advanced Rooftop Control (ARC) Retrofit: Field-Test Results	Wang, Weimin; Katipamula, Srinivas; Ngo, Hung; Underhill, Ronald M.; Taasevigen, Danny J.; Lutes, Robert	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	7/31/2013
1090974	Large-Scale Spray Releases: Additional Aerosol Test Results	Daniel, Richard C.; Gauglitz, Phillip A.; Burns, Carolyn A.; Fountain, Matthew S.; Shimskey, Rick W.; Billing, Justin	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/1/2013
1090975	Small-Scale Spray Releases: Additional Aerosol Test Results	Schonewill, Phillip P.; Gauglitz, Phillip A.; Kimura, Marcia L.; Brown, G. N.; Mahoney, Lenna A.; Tran, Diana N.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/1/2013
1092662	Analysis of Daylighting Requirements within ASHRAE Standard 90.1	Athalye, Rahul A.; Xie, YuLong; Liu, Bing; Rosenberg, Michael I.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/1/2013
1095436	Technical Readiness and Gaps Analysis of Commercial Optical Materials and Measurement Systems for Advanced Small Modular Reactors	Anheier, Norman C.; Suter, Jonathan D.; Qiao, Hong (Amy); Andersen, Eric S.; Berglin, Eric J.; Bliss, Mary;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/6/2013
1095450	2012 Market Report on U.S. Wind Technologies in Distributed Applications	Orrell, Alice C.; Flowers, L. T.; Gagne, M. N.; Pro, B. H.; Rhoads-Weaver, H. E.; Jenkins, J. O.; Sahl, K. M.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/6/2013
1097337	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY13 Third Quarterly Report	Nguyen, Ba Nghiep; Simmons, Kevin L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/6/2013
1096691	PACIFIC NORTHWEST CYBER SUMMIT	Lesperance, Ann M.; Matlock, Gordon W.; Becker-Dippmann, Angela S.; Smith, Karen S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/7/2013
1108158	Commercial Building Energy Asset Score Program Overview and Technical Protocol (Version 1.1)	Wang, Na; Goel, Supriya; Makhmalbaf, Atefe	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/9/2013
1111231	Demonstrate the removal efficiency and capacity of MOF materials for krypton recovery	Thallapally, Praveen K.; Liu, Jian; Strachan, Denis M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/23/2013
1095449	Reverse Osmosis Optimization	McMordie Stoughton, Kate; Duan, Xiaoli; Wendel, Emily M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/26/2013
1096692	Developing Secure Power Systems Professional Competence: Alignment and Gaps in Workforce Development Programs for Phase 2 of the Secure Power	O'Neil, Lori Ross; Assante, Michael; Tobey, D. H.; Conway, T. J.; Vanderhorst, Jr, T. J.; Januszewski, Ill, J.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/26/2013
1111230	Production of Gasoline and Diesel from Biomass via Fast Pyrolysis, Hydrotreating and Hydrocracking: 2012 State of Technology and Projections to 2020	Jones, Susanne B.; Snowden-Swan, Lesley J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/27/2013
1097940	Efforts to Consolidate Chalcogels with Adsorbed Iodine	Riley, Brian J.; Pierce, David A.; Chun, Jaehun	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/28/2013
1105100	Radiation Chemistry of Advanced TALSPEAK Flowsheet	Mincher, Bruce; Peterman, Dean; McDowell, Rocklan; Olson, Lonnie; Lumetta, Gregg J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/28/2013
1094956	Energy and Energy Cost Savings Analysis of the IECC for Commercial Buildings	Zhang, Jian; Athalye, Rahul A.; Hart, Philip R.; Rosenberg, Michael I.; Xie, YuLong; Goel, Supriya;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/30/2013
1096125	Preliminary Thermal Modeling of Hi-Storm 1005-218 Version B Storage Modules at Hope Creek Nuclear Power Station ISFSI	Cuta, Judith M.; Adkins, Harold E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/30/2013
1107492	User Instructions for the CiderF Individual Dose Code and Associated Utility Codes	Eslinger, Paul W.; Napier, Bruce A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/30/2013
1110472	Coupling the Mixed Potential and Radiolysis Models for Used Fuel Degradation	Buck, Edgar C.; Jerden, James L.; Ebert, William L.; Wittman, Richard S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/30/2013
1096127	Uncertainty Quantification Techniques for Sensor Calibration Monitoring in Nuclear Power Plants	Ramuhalli, Pradeep; Lin, Guang; Crawford, Susan L.; Konomi, Bledar A.; Braatz, Brett G.; Coble, Jamie B.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1097336	Source Recertification, Refurbishment, and Transfer Logistics	Gastelum, Zoe N.; Duckworth, Leesa L.; Greenfield, Bryce A.; Doll, Stephanie R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1104628	Tethys and Annex IV Progress Report for FY 2012	Hanna, Luke A.; Butner, R. Scott; Whiting, Jonathan M.; Copping, Andrea E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1105098	Pacific Northwest National Laboratory Annual Site Environmental Report for Calendar Year 2012	Duncan, Joanne P.; Ballinger, Marcel Y.; Fritz, Brad G.; Tilden, Harold T.; Stoetzel, Gregory A.; Barnett, J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1108154	Potential Job Creation in Minnesota as a Result of Adopting New Residential Building Energy Codes	Scott, Michael J.; Niemeyer, Jackie M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1108155	Potential Job Creation in Nevada as a Result of Adopting New Residential Building Energy Codes	Scott, Michael J.; Niemeyer, Jackie M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1108156	Potential Job Creation in Rhode Island as a Result of Adopting New Residential Building Energy Codes	Scott, Michael J.; Niemeyer, Jackie M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1108157	Potential Job Creation in Tennessee as a Result of Adopting New Residential Building Energy Codes	Scott, Michael J.; Niemeyer, Jackie M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1110476	Assessment of Methods to Consolidate Iodine-Loaded Silver-Functionalized Silica Aerogel	Matyas, Josef; Engler, Robert K.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/1/2013
1095434	Monte Carlo Simulation Tool Installation and Operation Guide	Aguayo Navarrete, Estanislao; Ankney, Austin S.; Berguson, Timothy J.; Kouzes, Richard T.; Orrell, John L.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/2/2013
1104630	The Continued Need for Modeling and Scaled Testing to Advance the Hanford Tank Waste Mission	Peurrung, Loni M.; Fort, James A.; Rector, David R.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/3/2013
1095442	Characterization Data Package for Containerized Sludge Samples Collected from Engineered Container SCS-CON-210	Fountain, Matthew S.; Fiskum, Sandra K.; Baldwin, David L.; Daniel, Richard C.; Bos, Stanley J.; Burns, Carolyn A.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/10/2013
1105103	Preliminary Scaling Estimate for Select Small Scale Mixing Demonstration Tests	Wells, Beric E.; Fort, James A.; Gauglitz, Phillip A.; Rector, David R.; Schonewill, Phillip P.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/12/2013

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1096123	BioCat 2.0	Corley, Courtney D.; Noonan, Christine F.; Bartholomew, Rachel A.; Franklin, Trisha L.; Hutchison, Janine R.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/16/2013
1097934	Commercial Building Partnerships Replication and Diffusion	Antonopoulos, Chrissi A.; Dillon, Heather E.; Baechler, Michael C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/16/2013
1095451	Technical Report on Preliminary Methodology for Enhancing Risk Monitors with Integrated Equipment Condition Assessment	Ramuhalli, Pradeep; Coles, Garill A.; Coble, Jamie B.; Hirt, Evelyn H.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/17/2013
1095452	Lumen Maintenance and Light Loss Factors: Consequences of Current Design Practices for LED's	Royer, Michael P.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/17/2013
1097939	Scaling Relationships Based on Scaled Tank Mixing and Transfer Test Results	Piepel, Gregory F.; Holmes, Aimee E.; Heredia-Langner, Alejandro	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/18/2013
1104627	Analysis Approach and Data Package for Mayak Public Doses	Eslinger, Paul W.; Napier, Bruce A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/18/2013
1097935	Opportunities for Process Monitoring Techniques at Delayed Access Facilities	Curtis, Michael M.; Gitau, Ernest TN; Johnson, Shirley J.; Schanfein, Mark; Toomey, Christopher	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/20/2013
1097943	Radiolysis Model Sensitivity Analysis for a Used Fuel Storage Canister	Wittman, Richard S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/20/2013
1095445	Long-Term Testing of Rhodium-Based Catalysts for Mixed Alcohol Synthesis â€” 2013 Progress Report	Gerber, Mark A.; Gray, Michel J.; Thompson, Becky L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/23/2013
1095448	Nonproliferation Graduate Fellowship Program, Annual Report, Class of 2012	McMakin, Andrea H.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/23/2013
1096695	Evaluation and Testing of the ADVANTG Code on SNM Detection	Shaver, Mark W.; Casella, Andrew M.; Wittman, Richard S.; Hayes, John W.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/24/2013
1096696	Radiation Detection Computational Benchmark Scenarios	Shaver, Mark W.; Casella, Andrew M.; Wittman, Richard S.; McDonald, Ben S.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/24/2013
1097936	Safeguards Approaches for Black Box Processes or Facilities	Diaz-Marcano, Helly; Gitau, Ernest TN; Hockert, John; Miller, Erin; Wylie, Joann	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/25/2013
1095441	L-325 Sagebrush Habitat Mitigation Project: Final Compensation Area Monitoring Report	Durham, Robin E.; Becker, James M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/26/2013
1095446	Requirements for Xenon International	Hayes, James C.; Ely, James H.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/26/2013
1095453	Determining Remaining Useful Life of Aging Cables in Nuclear Power Plants â€” Interim Study FY13	Simmons, Kevin L.; Fifield, Leonard S.; Westman, Matthew P.; Ramuhalli, Pradeep; Pardini, Allan F.;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/27/2013
1096126	Scaling Theory for Pulsed Jet Mixed Vessels, Sparging, and Cyclic Feed Transport Systems for Slurries	Kuhn, William L.; Rector, David R.; Rassat, Scot D.; Enderlin, Carl W.; Minette, Michael J.; Bamberger,	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/27/2013
1095454	Part-Load Performance Characterization and Energy Savings Potential of the RTU Challenge Unit: Daikin Rebel	Wang, Weimin; Katipamula, Srinivas	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1096124	Small Commercial Building Re-tuning: A Primer	Cort, Katherine A.; Hostick, Donna J.; Underhill, Ronald M.; Fernandez, Nicholas; Katipamula, Srinivas	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1096693	Color Maintenance of LEDs in Laboratory and Field Applications	Royer, Michael P.; Tuttle, Ralph; Rosenfeld, Scott M.; Miller, Naomi J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1096697	Methodology for Augmenting Existing Paths with Additional Parallel Transects	Wilson, John E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1096698	Methodology for Defining Gap Areas between Course-over-ground Locations	Wilson, John E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1104631	Optimization of Hydride Rim Formation in Unirradiated Zr 4 Cladding	Shimskey, Rick W.; Hanson, Brady D.; MacFarlan, Paul J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1105099	Revision of the APGEMS Dose Conversion Factor File Using Revised Factors from Federal Guidance Report 12 and 13.	Hay, Tristan R.; Rishel, Jeremy P.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1107493	Preliminary Evaluation of Removing Used Nuclear Fuel from Shutdown Sites	Maheras, Steven J.; Best, Ralph E.; Ross, Steven B.; Buxton, Kenneth A.; England, Jeffery L.; McConnell, Paul	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1108152	Nuclear Fuel Cycle Reasoner: PNNL FY13 Report	Hohimer, Ryan E.; Strasburg, Jana D.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1110475	The Role of Occupant Behavior in Achieving Net Zero Energy: A Demonstration Project at Fort Carson	Judd, Kathleen S.; Sanquist, Thomas F.; Zalesny, Mary D.; Fernandez, Nicholas	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	9/30/2013
1110478	DOE CALIPER Program, Report 20.1 Subjective Evaluation of Beam Quality, Shadow Quality, and Color Quality for LED PAR38 Lamps	Royer, Michael P.; Poplawski, Michael E.; Miller, Naomi J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/1/2013
1111566	Simulating Collisions for Hydrokinetic Turbines	Richmond, Marshall C.; Romero Gomez, Pedro DJ; Rakowski, Cynthia L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/1/2013
1097340	Future Automotive Aftertreatment Solutions: The 150Â°C Challenge Workshop Report	Zammit, Michael; DiMaggio, Craig L.; Kim, Chang H.; Lambert, Christine; Muntean, George G.; Peden, Charles	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/15/2013
1104632	Radionuclide Retention in Concrete Wasteforms - FY13	Snyder, Michelle MV; Golovich, Elizabeth C.; Wellman, Dawn M.; Crum, Jarrod V.; Lapierre, Robert; Dage,	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/15/2013
1097938	Simulation Analyses in Support of DOEâ€™s Fossil Fuel Rule for Single Component Equipment and Lighting Replacements	Halverson, Mark A.; Wang, Weimin	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/16/2013
1097941	Analysis of Benefits of an Energy Imbalance Market in the NWPP	Samaan, Nader A.; Bayless, Rich; Symonds, Mark; Nguyen, Tony B.; Jin, Chunlian; Wu, Di; Diao, Ruisheng;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/18/2013
1105101	Office of Health, Safety and Security, Office of Security Policy FY 2013 Accomplishments	Uecker, Norma J.; Schwartz, Michael J.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/18/2013
1108159	Lead Slowing Down Spectrometer FY2013 Annual Report	Warren, Glen A.; Kulisek, Jonathan A.; Gavron, Victor A.; Danon, Yaron; Weltz, Adam; Harris, Jason; Stewart, T.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/29/2013
1104625	Solar Powered Radioactive Air Monitoring Stations	Barnett, J. Matthew; Bisping, Lynn E.; Gervais, Todd L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/30/2013
1104626	Business Case for a Micro-Combined Heat and Power Fuel Cell System in Commercial Applications	Brooks, Kriston P.; Makhmalbaf, Atefe; Anderson, David M.; Amaya, Jodi P.; Pilli, Siva Prasad; Srivastava, Viraj;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/30/2013
1104629	Facilitation of the Estuary/Ocean Subgroup and the Expert Regional Technical Group, Fiscal Year 2013 Annual Report	Johnson, Gary E.; Sather, Nichole K.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/30/2013
1104633	Acoustic Modeling for Aqua Ventus I off Monhegan Island, ME	Whiting, Jonathan M.; Hanna, Luke A.; DeChello, Nicole L.; Copping, Andrea E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/31/2013
1108150	VOLTRON Lite: Integration Platform for the Transactional Network	Haack, Jereme N.; Katipamula, Srinivas; Akyol, Bora A.; Lutes, Robert G.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/31/2013
1108153	Transactional Network Platform: Applications	Katipamula, Srinivas; Lutes, Robert G.; Ngo, Hung; Underhill, Ronald M.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	10/31/2013
1110481	Impacts of Water Quality on Residential Water Heating Equipment	Widder, Sarah H.; Baechler, Michael C.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/1/2013



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1110479	Characterization of Technetium Speciation in Cast Stone	Um, Wooyong; Jung, Hun Bok; Wang, Guohui; Westsik, Joseph H.; Peterson, Reid A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/11/2013
1110480	Technetium Removal Using Tc-Goethite Coprecipitation	Um, Wooyong; Wang, Guohui; Jung, Hun Bok; Peterson, Reid A.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/18/2013
1110473	Single-Step Syngas-to-Distillates (S2D) Synthesis via Methanol and Dimethyl Ether Intermediates: Final Report	Dagle, Robert A.; Lebarbier, Vanessa MC; Lizarazo Adarme, Jair A.; King, David L.; Zhu, Yunhua; Gray, Robert	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/26/2013
1110474	Visual Modeling for Aqua Ventus I off Monhegan Island, ME	Hanna, Luke A.; Whiting, Jonathan M.; Copping, Andrea E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/27/2013
1111232	National Cost-effectiveness of ASHRAE Standard 90.1-2010 Compared to ASHRAE Standard 90.1-2007	Thornton, Brian; Halverson, Mark A.; Myer, Michael; Loper, Susan A.; Richman, Eric E.; Elliott, Douglas B.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	11/30/2013
1110477	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY13 Fourth Quarterly Report	Nguyen, Ba Nghiep; Simmons, Kevin L.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	12/2/2013
1064573	Final Report of a CRADA Between Pacific Northwest National Laboratory and the Ford Motor Company (CRADA No. PNNL/265): $\alpha$ -C <sub>2</sub> Deactivation Mechanisms of	Gao, Feng; Kwak, Ja Hun; Lee, Jong H.; Tran, Diana N.; Peden, Charles HF; Howden, Ken; Cheng, Yisun;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	2/14/2013
1104624	Status Report on the Development of Research Campaigns	Baer, Donald R.; Baker, Scott E.; Washton, Nancy M.; Linggi, Bryan E.	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	6/30/2013
1095435	Rh-Based Mixed Alcohol Synthesis Catalysts: Characterization and Computational Report	Albrecht, Karl O.; Glezakou, Vassiliki Alexandra; Rousseau, Roger J.; Engelhard, Mark H.; Varga, Tamas;	TR	PNNL	Pacific Northwest National Laboratory (PNNL), Richland, WA	8/1/2013
1059251	Instability, Collapse and Oscillation of Sheaths Caused by Secondary Electron Emission	M.D. Campanell, A.V. Khrabrov and I.D. Kaganovich	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/3/2013
1059933	Negative Compressibility and Inverse Problem for Spinning Gas	Vasily Gejko and Nathaniel J. Fisch	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/11/2013
1059935	Observation of EHO in NSTX and Theoretical Study of its Active Control Using HHFW Antenna	J.-K. Park, et. al.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/14/2013
1059936	Representation of Ideal Magnetohydrodynamic Modes	Roscoe B. White	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/15/2013
1062404	Detection of Disruptions in the High- $I^2$ Spherical Torus NSTX	Gerhardt, S P; Bell, R E; LeBlanc, B P; Menard, J E; Mueller, D; Roquemore, A L; Sabbagh, S A	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/16/2013
1062399	Reduced-Order Model Based Feedback Control For Modified Hasegawa-Wakatani Model	Goumiri, I. R.; Rowley, C. W.; Ma, Z.; Gates, D. A.; Krommes, J. A.; Parker, J. B.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/28/2013
1062401	Formation and Stability of Impurity "snakes" in Tokamak Plasmas	L. Delgado-Aparicio, et. al.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/28/2013
1062392	Zonal Flow as Pattern Formation: Merging Jets and the Ultimate Jet Length Scale	Jeffrey B. Parker and John A. Krommes	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/30/2013
1062393	1.5D Quasilinear Model for Alpha Particle-TAE Interaction in ARIES ACT-I	K. Ghantous, N.N. Gorelenkov, C. Kessel, F. Poli	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/30/2013
1062398	Negative-mass Instability in Nonlinear Plasma Waves	Dodin, I. Y.; Schmit, P. F.; Rocks, J.; Fisch, N. J.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	1/30/2013
1073494	Guiding Center Equations for Ideal Magnetohydrodynamic Modes	Roscoe B. White	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	2/21/2013
1073495	Particle Control and Plasma Performance in the Lithium Tokamak Experiment (LTX)	Richard Majeski, et. al.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	2/21/2013
1090047	Why is Boris Algorithm So Good?	et al, Hong Qin	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/3/2013
1073492	Scrape-off Layer Flows With Pressure Gradient Scale Length $\sim \rho_{s,p}$	Robert J. Goldston	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/8/2013
1072366	An Energy Principle for Ideal MHD Equilibria with Flows	Yao Zhou and Hong Qin	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/11/2013
1072365	A Magnetic Diagnostic Code for 3D Fusion Equilibria	Samuel A. Lazerson, S. Sakakibara and Y. Suzuki	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/12/2013
1073490	VEST: Abstract Vector Calculus Simplification in Mathematica	J. Squire, J. Burby and H. Qin	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/12/2013
1072363	Automation of The Guiding Center Expansion	J. W. Burby, J. Squire and H. Qin	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/19/2013
1072360	Comparison of Edge Turbulence Imaging at Two Different Poloidal Locations in the Scrape-off Layer of Alcator C-Mod	S.J. Zweben, et. al.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/29/2013
1072361	Computation of Multi-region Relaxed Magnetohydrodynamic Equilibria	Hudson, S. R.; Dewar, R. L.; Dennis, G.; Hole, M. J.; McGann, M.; von Nessi, G.; Lazerson, S.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/29/2013
1072362	Guiding Center Equations of High Accuracy	R.B. White, G. Spizzo and M. Gobbin	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	3/29/2013
1074354	Effects of Magnetic Field on the Turbulent Wake of a Cylinder in MHD Channel Flow	Rhoads, John [Princeton Plasma Physics Lab. (PPPL), Princeton, NJ (United States)]; Edlund, Eric [Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ (United States)]	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/1/2013
1074356	Comparison of Gas Puff Imaging Data in NSTX with the DEGAS 2 Simulation	Cao, B.; Stotler, D. P.; Zweben, S. J.; Bell, M.; Diallo, A.; LeBlanc, B.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/10/2013
1074353	Numerical Verification of Bounce Harmonic Resonances in Neoclassical Toroidal Viscosity for Tokamaks	Kimin Kim, Jong-Kyu Park and Allen H. Boozer	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/17/2013
1089859	Calculation of Neoclassical Toroidal Viscosity with a Particle Simulation in the Tokamak Magnetic Breaking Experiments	Kimin Kim, et al	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/23/2013
1089858	Properties of Alfvén Eigenmodes in the TAE range on the National Spherical Torus Experiment-Upgrade	None	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/24/2013
1089860	Geometrical Optics of Dense Aerosols	Hay, Michael J.; Valeo, Ernest J.; Fisch, Nathaniel J.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/24/2013
1089861	On the Singularity of the Vlasov-Poisson System	and Hong Qin, Jian Zheng	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	4/26/2013
1090586	Three-dimensional, Impulsive Magnetic Reconnection in a Laboratory Plasma	S Dorfman, et al	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	5/3/2013
1090607	Alcator C-Mod Experiments in Support of the ITER Baseline 15 MA Scenario	C Kessel, et al	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	5/7/2013
1090609	STELLOPT Modeling of the 3D Diagnostic Response in ITER	Lazerson, Samuel A	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	5/7/2013
1090614	Collisionality Scaling of Main-ion Toroidal and Poloidal Rotation in Low Torque DIII-D Plasmas	B A Grierson, et al	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	5/10/2013
1088511	Fast-wave Power Flow Along SOL Field Lines In NSTX and The Associated Power Deposition Profile Across The SOL In Front Of The Antenna	Perkins, Roy	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princeton, NJ	6/21/2013

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1087723	Comparison of Measurement And Modeling Of Current Profile Changes Due To Neutral Beam Ion Redistribution During TAE Avalanches in NSTX	Darrow, Douglas	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princ	7/9/2013
1087726	Simulation of Non-resonant Internal Kink Mode with Toroidal Rotation in NSTX	Fu, Guoyong	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princ	7/16/2013
1087711	Progress in Simulating Turbulent Electron Thermal Transport in NSTX	Guttenfelder, Walter; Kaye, S. M.; Ren, Y.; Bell, R. E.; Hammett, G. W.; LeBlanc, B. P.; Mikkelsen, D. R.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princ	7/17/2013
1087712	The Hamiltonian Mechanics of Stochastic Acceleration	Burby, J. W.	TR	PPPL	Princeton Plasma Physics Laboratory (PPPL), Princ	7/17/2013
1088048	Proceedings of the scientific visit on crystalline rock repository development.	Mariner, Paul E.; Hardin, Ernest L.; Miksova, Jitka [RAWRA, Czech Republic]	TR	SNL	RAWRA, Czech Republic; Sandia National Laborat	2/1/2013
1088070	Exomerge user's manual :	Kostka, Timothy D.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	1/1/2013
1088086	Formation of algae growth constitutive relations for improved algae modeling.	Gharagozloo, Patricia E.; Drewry, Jessica Louise.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	1/1/2013
1088101	Caltech campus executive LDRD.	Shepodd, Timothy J.; Knudsen, Tamara	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	1/1/2013
1093691	Identification of host response signatures of infection.	Branda, Steven S.; Sinha, Anupama; Bent, Zachary	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	2/1/2013
1095941	Built-in vs. auxiliary detection of extrapolation risk.	Munson, Miles Arthur; Kegelmeyer, W. Philip,	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	2/1/2013
1088090	Materials corrosion of high temperature alloys immersed in 600C binary nitrate salt.	Kruizenga, Alan Michael; Gill, David Dennis; LaFord, Marianne Elizabeth	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	3/1/2013
1095935	A coupled transport and solid mechanics formulation with improved reaction kinetics parameters for modeling oxidation and decomposition in a uranium	Salloum, Maher N.; Shugard, Andrew D.; Kanouff, Michael P.; Gharagozloo, Patricia E.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	3/1/2013
1095947	Review on the effects of hydrogen at extreme pressures and temperatures on the mechanical behavior of polymers.	Hecht, Ethan S.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	3/1/2013
1096167	A flexible framework for secure and efficient program obfuscation.	Solis, John Hector	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	3/1/2013
1088045	Sandia National Laboratories, California Environmental Management System program manual.	Larsen, Barbara L.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	4/1/2013
1095949	Time-resolved broadband cavity-enhanced absorption spectroscopy for chemical kinetics.	Sheps, Leonid; Chandler, David W.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	4/1/2013
1088073	Imaging indicator for ESD safety testing.	Whinnery, LeRoy L.; Nissen, April; Keifer, Patrick N.; Tyson, Alexander	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	5/1/2013
1089979	WO3/TiO2 nanotube photoanodes for solar water splitting with simultaneous wastewater treatment.	Reyes, Karla Rosa; Robinson, David B.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	5/1/2013
1089995	Composite WO3/TiO2 nanostructures for high electrochromic activity.	Reyes, Karla Rosa; Stephens, Zachary Dan.; Robinson, David B.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	5/1/2013
1095927	Lightweight performance data collectors 2.0 with Eiger support.	Allan, Benjamin A.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	5/1/2013
1089996	Simulation of primary fuel atomization processes at subcritical pressures.	Arienti, Marco	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	6/1/2013
1090213	New methods of uncertainty quantification for mixed discrete-continuous variable models.	Bauman, Lara E	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	6/1/2013
1096253	Kalman-filtered compressive sensing for high resolution estimation of anthropogenic greenhouse gas emissions from sparse measurements.	Ray, Jaideep; Lee, Jina; Lefantzi, Sophia; Yadav, Vineet; Michalak, Anna M.; van Bloemen Waanders, Bart	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096443	Using fast neutron signatures for improved UF6 cylinder enrichment measurements.	Kiff, Scott D.; Brubaker, Erik; Gerling, Mark D.; Marleau, Peter	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096445	Production of extremophilic bacterial cellulase enzymes in aspergillus niger.	Gladden, John Michael	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096458	3D deformation field throughout the interior of materials.	Jin, Huiqing; Lu, Wei-Yang	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096459	Effects of volatile coatings on the morphology and optical detection of combustion-generated black carbon particles.	Bambha, Ray.; Dansson, Mark A; Schrader, Paul E.; Michelsen, Hope A.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096469	Multiscale modeling for fluid transport in nanosystems.	Lee, Jonathan W.; Jones, Reese E.; Mandadapu, Kranthi Kiran; Templeton, Jeremy Alan; Zimmerman, Jonathan	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096519	Quantifiably secure power grid operation, management, and evolution :	Gray, Genetha Anne.; Watson, Jean-Paul; Silva Monroy, Cesar Augusto; Gramacy, Robert B.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1097203	Modeling interfacial fracture in Sierra.	Brown, Arthur A.; Ohashi, Yukio; Lu, Wei-Yang; Nelson, Stacy A. C.; Foulk, James W.; Reedy, Earl David.; Austin,	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1104752	Corrosion of high temperature alloys in solar salt at 400, 500, and 680°C.	Kruizenga, Alan Michael; Gill, David Dennis; LaFord, Marianne Elizabeth	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1096476	Impeller deflection and modal finite element analysis.	Spencer, Nathan A.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	10/1/2013
1096477	Towards understanding of Nipah virus attachment protein assembly and the role of protein affinity and crowding for membrane curvature events.	Stachowiak, Jeanne C.; Hayden, Carl C.; Negrete, Oscar.; Davis, Ryan Wesley; Sasaki, Darryl Y	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	10/1/2013
1104770	Thermal characterization and model free kinetics of aged epoxies and foams using TGA and DSC methods.	Cordaro, Joseph Gabriel; Kruizenga, Alan Michael; Nissen, April	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	10/1/2013
1104780	Pathogenicity island mobility and gene content.	Williams, Kelly Porter	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	10/1/2013
1095960	Parallel auto-correlative statistics with VTK.	Pebay, Philippe Pierre; Bennett, Janine Camille	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	8/1/2013
1104755	Polymers for hydrogen infrastructure and vehicle fuel systems :	Barth, Rachel Reina; Simmons, Kevin L.; San Marchi, Christopher W.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	10/1/2013
1088059	Probability distribution of von Mises stress in the presence of pre-load.	Segalman, Daniel Joseph; Field, Richard V.; Reese, Garth M.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	4/1/2013
1088053	DAKOTA JAGUAR 3.0 user's manual.	Adams, Brian M.; Bauman, Lara E; Chan, Ethan; Lefantzi, Sophia; Ruthruff, Joseph.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	5/1/2013
1089977	Simulating solar power plant variability :	Lave, Matthew Samuel; Ellis, Abraham; Stein, Joshua.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	6/1/2013
1089986	A robust approach to QMU, validation, and conservative prediction.	Segalman, Daniel Joseph; Paez, Thomas Lee; Bauman, Lara E	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	1/1/2013
1090217	Toward a predictive understanding of low emission fuel-flexible distributed energy turbine systems.	Defilippo, Anthony; Oefelein, Joseph Charles; Lacaze, Guilhem	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	7/1/2013

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1096499	A compact single-camera system for high-speed, simultaneous 3-D velocity and temperature measurements.	Lu, Louise; Sick, Volker; Frank, Jonathan H.	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore	9/1/2013
1088046	Genetic engineering of cyanobacteria as biodiesel feedstock.	Ruffing, Anne.; Trahan, Christine Alexandra; Jones, Howland D. T.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088050	Areas for US-India civilian nuclear cooperation to prevent/mitigate radiological events.	Balachandran, Gopalan; Forden, Geoffrey Ethan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088052	Report on Project Action Sheet PP05 task 3 between the U.S. Department of Energy and the Republic of Korea Ministry of Education, Science, and	Snell, Mark Kamerer	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088060	Earth curvature and atmospheric refraction effects on radar signal propagation.	Doerry, Armin Walter	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088068	Elucidating the role of interfacial materials properties in microfluidic packages.	Edwards, Thayne L.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088075	Analysis of dose consequences arising from the release of spent nuclear fuel from dry storage casks.	Durbin, Samuel G.; Morrow, Charles.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088081	LDRD final report :	Brost, Randolph C.; McLendon, William Clarence,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088082	Guiding optimal biofuels :	Paap, Scott M.; West, Todd H.; Manley, Dawn Kataoka; Dibble, Dean C.; Simmons, Blake Alexander; Steen, Eric	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088084	Installation of five new hydrogeologic groundwater monitoring wells.	Catechis, Christopher Spyros	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088085	Phase conjugation of high energy lasers.	Bliss, David E; Valley, Michael T.; Atherton, Briggs W.; Bigman, Verle Howard; Boye, Lydia Ann; Broyles, Robin	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088098	Considerations of human inturison in U.S. programs for deep geologic disposal of radioactive waste.	Swift, Peter N.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088099	Time series power flow analysis for distribution connected PV generation.	Broderick, Robert Joseph; Quiroz, Jimmy Edward; Ellis, Abraham; Reno, Matthew J.; Smith, Jeff; Dugan, Roger	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088062	Environmental Management System (EMS) objectives & targets annual results summary :	Vetter, Douglas Walter	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088069	Initial assessment of an airborne Ku-band polarimetric SAR.	Raynal, Ann Marie; Doerry, Armin Walter	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088096	Development of advanced strain diagnostic techniques for reactor environments.	Fleming, Darryn D.; Holschuh, Thomas Vernon.; Miller, Timothy J.; Hall, Aaron Christopher; Urrea, David	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088100	Radar range measurements in the atmosphere.	Doerry, Armin Walter	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088104	Scandium separation from tungsten crucibles :	Boyle, Timothy J.; Hess, Ryan Falcone; Neville, Michael Luke; Howard, Panit Clifton	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1089867	Burnup concept for a long-life fast reactor core using MCNPX.	Holschuh, Thomas Vernon.; Lewis, Tom Goslee.; Parma, Edward J.,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093689	Identification of volatile butyl rubber thermal-oxidative degradation products by cryofocusing gas chromatography/mass spectrometry (cryo-GC/MS).	Smith, Jonell Nicole; White, Michael Irvin; Bernstein, Robert; Hochrein, James Michael	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093694	Simulating higher-dimensional geometries in GADRAS using approximate one-dimensional solutions.	Thoreson, Gregory G.; Mitchell, Dean J.; Harding, Lee T.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093695	The SNL100-01 blade :	Griffith, Daniel	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093698	Temperature-package power correlations for open-mode geologic disposal concepts.	Hardin, Ernest.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093699	Task mapping for non-contiguous allocations.	Leung, Vitus Joseph; Bunde, David P.; Ebbers, Johnathan; Price, Nicholas W.; Swank, Matthew.; Feer,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093700	Sandia National Laboratories land use permit for operations at Oliktok Alaska Long Range Radar Station.	Catechis, Christopher Spyros	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093701	Development of a statistically based access delay timeline methodology.	Rivera, W. Gary; Robinson, David Gerald; Wyss, Gregory Dane; Hendrickson, Stacey M. Langfitt	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093702	PV output smoothing using a battery and natural gas engine-generator.	Johnson, Jay Dean; Ellis, Abraham; Denda, Atsushi; Morino, Kimio; Shinji, Takao; Ogata, Takao; Tadokoro,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093703	Dynamic defense workshop :	Crosby, Sean Michael; Doak, Justin E.; Haas, Jason Juedes.; Helinski, Ryan; Lamb, Christopher C.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1093705	Precomparator and postcomparator errors in monopulse.	Bickel, Douglas Lloyd	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088067	Petrologic and petrophysical evaluation of the Dallas Center Structure, Iowa, for compressed air energy storage in the Mount Simon Sandstone.	Heath, Jason E.; Bauer, Stephen J.; Broome, Scott Thomas; Dewers, Thomas A.; Rodriguez, Mark A	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1093690	Monitoring changes in soil carbon resulting from intensive production, a non-traditional agricultural methodology.	Dwyer, Brian P.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1093704	Strip2CubeFace user%3CU%2B2019%3Es manual.	Forden, Geoffrey Ethan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1093707	Data co-processing for extreme scale analysis level II ASC milestone (4745).	Rogers, David; Moreland, Kenneth D.; Oldfield, Ron A.; Fabian, Nathan D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095129	Brine flow in heated geologic salt.	Kuhlman, Kristopher L.; Malama, Bwalya	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095130	Literature review :	Dwyer, Stephen F.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095131	Use of limited data to construct Bayesian networks for probabilistic risk assessment.	Groth, Katrina M.; Swiler, Laura Painton	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095937	A comparison of adjoint and data-centric verification techniques.	Wildey, Timothy Michael; Cyr, Eric C; Shadid, John N; Pawlowski, Roger P; Smith, Thomas Michael	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095948	Spectral diffraction efficiency characterization of broadband diffractive optical elements.	Choi, Junoh; Cruz-Cabrera, Alvaro Augusto; Tanbakuchi, Anthony	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095951	Simple intrinsic defects in InAs :	Schultz, Peter Andrew	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095952	Developing highly scalable fluid solvers for enabling multiphysics simulation.	Clausen, Jonathan R	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095954	Development and deployment of constitutive softening routines in Eulerian hydrocodes.	Fuller, Timothy Jesse; Dewers, Thomas A.; Swan, Matthew Scot	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095959	A literature review of safety culture.	Cole, Kerstan Suzanne; Stevens-Adams, Susan Marie; Wenner, Caren A.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013

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1095961	Integration of MHD load models with circuit representations the Z generator.	Jennings, Christopher A.; Ampleford, David J.; Jones, Brent Manley; McBride, Ryan D.; Bailey, James E.; Jones,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095963	Test plan for the irradiation of nonmetallic materials.	Brush, Laurence H.; Farnum, Cathy Ottinger; Gelbard, Fred; Dahl, M.; Joslyn, C. C.; Venetz, T. J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1088074	History of HERMES III diode to z-pinch breakthrough and beyond :	Sanford, Thomas Williamlou.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1090209	Autonomous intelligent assembly systems LDRD 105746 final report.	Anderson, Robert J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095929	Tabular water properties interface for Hydra-TH :	Carpenter, John H.; Belcourt, Kenneth Noel	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095936	An experimental platform for generating Richtmyer-Meshkov instabilities on Z.	Harding, Eric; Martin, Matthew	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095939	Blade reliability collaborative :	Ashwill, Thomas D.; Ogilvie, Alistair B.; Paquette, Joshua A.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095946	Radiation characterization summary :	Parma, Edward J.; Quirk, Thomas J.; Lippert, Lance L.; Griffin, Patrick J.; Naranjo, Gerald E.; Luker, Spencer	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095958	The portals 4.0.1 network programming interface.	Barrett, Brian W.; Brightwell, Ronald Brian; Pedretti, Kevin; Wheeler, Kyle Bruce; Hemmert, Karl Scott;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1095962	Definition of a 5MW/61.5m wind turbine blade reference model.	Resor, Brian Ray	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1096492	Designing a water leasing market for the Mimbres River, New Mexico.	Reno-Trujillo, Marissa Devan; Tidwell, Vincent Carroll; Broadbent, Craig; Brookshire, David; Coursey, Don;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1096950	Comparison of the high temperature heat flux sensor to traditional heat flux gages under high heat flux conditions.	Blanchat, Thomas K.; Hanks, Charles R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1087334	Considerations for implementing an organizational lessons learned process.	Fosshage, Erik D	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1088071	Construction of energy-stable Galerkin reduced order models.	Kalashnikova, Irina; Barone, Matthew Franklin; Arunajatesan, Srinivasan; van Bloemen Waanders, Bart	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1088097	Total dose and dose rate models for bipolar transistors in circuit simulation.	Campbell, Phillip Montgomery; Wix, Steven D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1089865	1 mil gold bond wire study.	Huff, Johnathon; McLean, Michael B.; Jenkins, Mark W.; Rutherford, Brian Milne	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1089866	Test plan :	Dwyer, Stephen F.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1089868	Technology development life cycle processes.	Beck, David Franklin	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1089990	IMEX-a :	Brake, Matthew Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1095926	Evaluation of the applicability of existing nuclear power plant regulatory requirements in the U.S. to advanced small modular reactors.	LaChance, Jeffrey L.; Wheeler, Timothy A.; Farnum, Cathy Ottinger; Middleton, Bobby D.; Jordan, Sabina	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1095953	Test plan for the irradiation of nonmetallic materials.	Brush, Laurence H.; Farnum, Cathy Ottinger; Dahl, M.; Joslyn, C. C.; Venetz, T. J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1095956	The future of infrastructure security :	Garcia, Pablo; Turnley, Jessica Glicken; Parrott, Lori K.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1095957	Potential vertical movement of large heat-generating waste packages in salt.	Clayton, Daniel James; Martinez, Mario J.; Hardin, Ernest.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1096518	Nuclear power plant cable materials :	Celina, Mathias Christopher; Gillen, Kenneth T; Lindgren, Eric Richard	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1097202	Trilinos developers SQE guide :	Willenbring, James Michael; Heroux, Michael Allen	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1089978	Designing experiments through compressed sensing.	Young, Joseph G.; Ridzal, Denis	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089980	Safe handling of potential peroxide forming compounds and their corresponding peroxide yielded derivatives.	Sears, Jeremiah Matthew; Boyle, Timothy J.; Dean, Christopher J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089981	Preliminary formation analysis for compressed air energy storage in depleted natural gas reservoirs :	Gardner, William Payton	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089982	A validation test for Adagio through replication of Big Hill and Bayou Choctaw JAS3D models.	Park, Byoung Yoon	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089983	Quantifying VOC emissions for the strategic petroleum reserve.	Knowlton, Robert G.; Lord, David L.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089985	Photovoltaic ground fault and blind spot electrical simulations.	Flicker, Jack David; Johnson, Jay	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089989	Mobile biometric device (MBD) technology :	Aldridge, Chris D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1090228	Contingency contractor optimization.	Gearhart, Jared Lee; Adair, Kristin Lynn; Jones, Katherine A.; Bandlow, Alisa; Detry, Richard Joseph;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1092994	Supporting 64-bit global indices in Epetra and other Trilinos packages :	Jhurani, Chetan; Austin, Travis M.; Heroux, Michael Allen; Willenbring, James Michael	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1089992	An evaluation of pressure and flow measurement in the Molten Salt Test Loop (MSTL) system.	Gill, David Dennis; Kolb, William J.; Briggs, Ronald J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1089993	High temperature storage loop :	Gill, David Dennis; Kolb, William J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090207	Spatially varying embedded stochastic galerkin methods for steady-state PDEs.	Cyr, Eric C	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090210	Microgrid cyber security reference architecture.	Veitch, Cynthia K.; Henry, Jordan M.; Richardson, Bryan T.; Hart, Derek H.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090214	Sandia capabilities for the measurement, characterization, and analysis of heliostats for CSP.	Andraka, Charles E.; Christian, Joshua Mark; Ghanbari, Cheryl M.; Gill, David Dennis; Ho, Clifford Kuofei; Kolb,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090218	Evaluation of annual efficiencies of high temperature central receiver concentrated solar power plants with thermal energy storage.	Ehrhart, Brian David; Gill, David Dennis	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090220	Characterization of X-ray generator beam profiles.	Mitchell, Dean J; Harding, Lee T.; Thoreson, Gregory G.; Theisen, Lisa Anne; Parmeter, John Ethan; Thompson,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090225	Sierra/SM theory manual.	Crane, Nathan Karl	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013

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1090226	Reducing uncertainty in high-resolution sea ice models.	Peterson, Kara J.; Bochev, Pavel Blagoveston	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090227	GMTI processing using back projection.	Doerry, Armin Walter	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1092995	Intra-membrane molecular interactions of K+ channel proteins :	Moczydlowski, Edward G.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1092996	Venetie, Alaska energy assessment.	Jensen, Richard Pearson; Baca, Michael J.; Schenkman, Benjamin L.; Brainard, James Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1092998	Design issues in the semantics and scheduling of asynchronous tasks.	Olivier, Stephen L.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1092999	The value of recycling on water conservation.	Ludi-Herrera, Katlyn D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1093687	Omen: identifying potential spear-phishing targets before the email is sent.	Wendt, Jeremy Daniel.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1093693	Groundwater monitoring program plan and conceptual site model for the Al-Tuwaitha Nuclear Research Center in Iraq.	Copland, John Robin; Cochran, John Russell	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1095930	MREG V1.1 : a multi-scale image registration algorithm for SAR applications.	Eichel, Paul H.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1095933	MicroShield/SOCS gamma modeling comparison.	Sansone, Kenneth R	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096267	Chemical incident economic impact analysis methodology.	Miller, Trisha Hoette; Stevens, Troy; Rath, Charles Robert.; Tenney, Craig M.; Kinnan, Mark K.; Pepple,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096450	Humidity effects on wire insulation breakdown strength.	Appelhans, Leah	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096451	Efficient and robust gradient enhanced Kriging emulators.	Dalbey, Keith R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096464	Capacitor discharge pulse analysis.	Baker, Michael Sean; Griffiths, Stewart K.; Tanner, Danelle Mary	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096466	Building guide : how to build Xyce from source code.	Keiter, Eric Richard; Russo, Thomas V.; Schiek, Richard Louis; Sholander, Peter E.; Thornquist, Heidi K.; Mei,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096472	Modeling tin whisker growth.	Weinberger, Christopher Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096474	Proceedings of the Third International Workshop on Jointed Structures.	Starr, Michael James; Brake, Matthew Robert; Segalman, Daniel Joseph; Bergman, Lawrence A.; Ewins,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096475	Application note :	Russo, Thomas V.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096481	Test report :	Rose, David Martin; Schenkman, Benjamin L.; Borneo, Daniel R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096487	The LTS timing analysis program :	Armstrong, Darrell Jewell; Schwarz, Jens	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096489	Bryan Mound SPR cavern 113 remedial leach stage 1 analysis.	Rudeen, David Keith; Weber, Paula D.; Lord, David L.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096494	Test report :	Rose, David Martin; Schenkman, Benjamin L.; Borneo, Daniel R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096498	Critical cleaning agents for Di-2-ethylhexyl sebacate.	Hartley, Mya; Archuleta, Kim M.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096500	Five-year ALARA review of dosimetry results :	Paulus, Luke R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096504	Construction of reduced order models for the non-linear Navier-Stokes equations using the proper orthogonal decomposition (POD)/Galerkin method.	Fike, Jeffrey A.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096513	Analysis to determine the maximum dimensions of flexible apertures in sensed security netting products.	Murton, Mark; Bouchier, Francis A.; vanDongen, Dale T.; Mack, Thomas Kimball; Cutler, Robert P.; Ross, Michael	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1092993	Technological Cost-Reduction Pathways for Point Absorber Wave Energy Converters in the Marine Hydrokinetic Environment.	Ochs, Margaret Ellen.; Bull, Diana L; Laird, Daniel L.; Jepsen, Richard Alan; Boren, Blake	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1092997	Technological Cost-Reduction Pathways for Oscillating Water Column Wave Energy Converters in the Marine Hydrokinetic Environment.	Ochs, Margaret Ellen.; Bull, Diana L	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096245	A review of macroscopic ductile failure criteria.	Corona, Edmundo; Reedlunn, Benjamin	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096246	Development of spray coated cathodes for RITS-6.	Simpson, Sean; Leckbee, Joshua J.; Miller, Stephen Samuel	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096247	Fielding the magnetically applied pressure-shear technique on the Z accelerator (completion report for MRT 4519).	Alexander, C. Scott; Hail, Thomas A.; Dalton, Devon Gardner; Rovang, Dean Curtis; Lamppa, Derek C.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096248	High-voltage atmospheric breakdown across intervening rutile dielectrics.	Williamson, Kenneth Martin; Simpson, Sean; Coats, Rebecca Sue; Jorgenson, Roy Eberhardt; Hjalmarson,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096249	Final report for LDRD13-0130 :	Franke, Brian Claude	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096250	Laser-ablated active doping technique for visible spectroscopy measurements on Z.	Gomez, Matthew Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096251	Electrical conductivity in oxygen-deficient phases of transition metal oxides from first-principles calculations.	Bondi, Robert James; Desjarlais, Michael Paul; Thompson, Aidan Patrick; Brennecke, Geoffrey L.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096254	Varicella infection modeling.	Jones, Katherine A.; Finley, Patrick D.; Moore, Thomas W.; Nozick, Linda Karen; Martin, Nathaniel; Bandlow,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096255	Fundamental study of CO2-H2O-mineral interactions for carbon sequestration, with emphasis on the nature of the supercritical fluid-mineral interface.	Bryan, Charles R.; Dewers, Thomas A.; Heath, Jason E.; Wang, Yifeng; Matteo, Edward N.; Meserole, Stephen	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096257	An interface tracking model for droplet electrocoalescence.	Erickson, Lindsay Crowl	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096258	A margin based approach to determining sample sizes via tolerance bounds.	Newcomer, Justin T.; Freeland, Katherine Elizabeth	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096259	Estimating of pulsed electric fields using optical measurements.	Flanagan, Timothy McGuire; Chantler, Gary.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096261	Improved flywheel materials :	Boyle, Timothy J.; Bell, Nelson S; Ehlen, Mark Andrew; Anderson, Benjamin John; Miller, William Kenneth	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096262	Modeling electron transport in the presence of electric and magnetic fields.	Fan, Wesley C.; Drumm, Clifton Russell; Pautz, Shawn D.; Turner, C. David	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013

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1096263	Bubble masks for time-encoded imaging of fast neutrons.	Brubaker, Erik; Brennan, James S.; Marleau, Peter; Nowack, Aaron B.; Steele, John T.; Sweany, Melinda;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096264	Modeling veterans healthcare administration disclosure processes :	Beyeler, Walter E; DeMenno, Mercy B.; Finley, Patrick D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096265	Tuning a RANS k-e model for jet-in-crossflow simulations.	Lefantzi, Sophia; Ray, Jaideep; Arunajatesan, Srinivasan; DeChant, Lawrence Justin	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096268	A comparison of methods for representing sparsely sampled random quantities.	Romero, Vicente Jose; Swiler, Laura Painton; Urbina, Angel; Mullins, Joshua	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096269	Final LDRD report :	Clark, Blythe G.; Rajasekhara, Shreyas; Enos, David George; Dingreville, Remi Philippe Michel; Doyle,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096442	Acoustic emission non-destructive testing of structures using source location techniques.	Beattie, Alan G.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096444	Z-petawatt driven ion beam radiography development.	Schollmeier, Marius; Geissel, Matthias; Rambo, Patrick K.; Schwarz, Jens; Sefkow, Adam B.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096449	Materials characterization activities for %E2%80%9CTake Our Sons&Daughters to Work Day%E2%80%9D 2013.	Mowry, Curtis Dale; Pimentel, Adam S.; Sparks, Elizabeth Schares; Hanlon, Brittany Paula	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096454	A modeling framework for investment planning in interdependent infrastructures in multi-hazard environments.	Brown, Nathanael J. K.; Gearhart, Jared Lee; Jones, Dean A.; Nozick, Linda Karen; Prince, Michael	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096465	Roll-up of validation results to a target application.	Hills, Richard Guy	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096471	Neurons to algorithms LDRD final report.	Rothganger, Fredrick H.; Aimone, James Bradley; Warrender, Christina E.; Trumbo, Derek	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096478	Continuous Reliability Enhancement for Wind (CREW) database :	Hines, Valerie Ann-Peters; Oglivie, Alistair B.; Bond, Cody R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096483	Molten Salt Test Loop (MSTL) system customer interface document.	Gill, David Dennis; Kolb, William J.; Briggs, Ronald D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096484	Experimental validation of a high voltage pulse measurement method.	Cular, Stefan; Patel, Nishant Bhupendra; Branch, Darren W.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096488	LDRD project 151362 : low energy electron-photon transport.	Kensek, Ronald Patrick; Hjalmanson, Harold Paul; Magyar, Rudolph J.; Bondi, Robert James; Crawford,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096491	The impact of trade costs on rare earth exports : a stochastic frontier estimation approach.	Sanyal, Prabuddha; Brady, Patrick Vane; Vugrin, Eric D.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096497	Development of alkaline fuel cells.	Hibbs, Michael R.; Jenkins, Janelle E.; Alam, Todd Michael; Janarthanan, Rajeswari; Horan, James L.; Caire,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096502	Genomics-enabled sensor platform for rapid detection of viruses related to disease outbreak.	Brozik, Susan M; Manginell, Ronald P; Moorman, Matthew W; Xiao, Xiaoyin; Edwards, Thayne L;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096506	GADRAS-DRF user's manual.	Theisen, Lisa Anne; Mitchell, Dean J; Thoreson, Gregory G.; Harding, Lee T.; Horne, Steven M; Bradley, Jon	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096507	Athermalized channeled spectropolarimeter enhancement.	Jones, Julia Craven; Way, Brandyn Michael; Mercier, Jeffrey Alan; Hunt, Jeffery P.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096508	Nonlinear kinematics for piezoelectricity in ALEGRA-EMMA.	Mitchell, John Anthony; Fuller, Timothy Jesse	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096509	RADTRAN 6/RadCat 6 user guide.	Weiner, Ruth F.; Hinojosa, Daniel; Heames, Terence John; Farnum, Cathy Ottinger; Kalinina, Elena	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096511	Technological cost-reduction pathways for attenuator wave energy converters in the marine hydrokinetic environment.	Bull, Diana L; Ochs, Margaret Ellen	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096514	Feasibility of preparing patterned molybdenum coatings on bismuth telluride thermoelectric modules.	Sarobol, Pylin; Hall, Aaron Christopher; Miller, Stephen Samuel; Knight, Marlene E.; LePage, William S.; Sobczak,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096515	Development of a fourth generation predictive capability maturity model.	Hills, Richard Guy; Witkowski, Walter R.; Urbina, Angel; Rider, William J.; Trucano, Timothy Guy	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096516	Aerosol characterization study using multi-spectrum remote sensing measurement techniques.	Glen, Crystal Chanea; Sanchez, Andres L.; Lucero, Gabriel Anthony; Schmitt, Randal L.; Johnson, Mark S.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096953	Environment scattering in GADRAS.	Thoreson, Gregory G.; Mitchell, Dean J; Theisen, Lisa Anne; Harding, Lee T.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1104704	Differential imaging microscope system acquisition software reference.	Girard, Gerald Randolph; Enos, David George	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1104763	Predictive modeling of reactive wetting and metal joining.	van Swol, Frank B.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1111084	Theory and modeling of active brazing.	van Swol, Frank B.; Miller, James Edward; Lechman, Jeremy B.; Givler, Richard C.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096456	Sandia National Laboratories, California proposed CREATE facility environmental baseline survey.	Catechis, Christopher Spyros	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096467	Potential use of battery packs from NCAP tested vehicles.	Lamb, Joshua; Orendorff, Christopher J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096480	Thermochemical plots using JCZS21 piece-wise curve fits.	Miller, David L.; Schoof, Justin C.; Hobbs, Michael L.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096486	Defect reaction network in Si-doped InP : numerical predictions.	Schultz, Peter Andrew	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096493	Understanding and controlling low-temperature aging of nanocrystalline materials.	Battaile, Corbett Chandler; Boyce, Brad Lee; Brons, Justin G.; Foiles, Stephen Martin; Hattar, Khalid Mikhiel;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096495	Reconstruction of a high-resolution late holocene arctic paleoclimate record from Colville River delta sediments.	Schreiner, Kathryn Melissa; Lowry, Thomas Stephen	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096501	The oxidation of aluminum at high temperature studied by Thermogravimetric Analysis and Differential Scanning Calorimetry.	Coker, Eric Nicholas	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096517	Dynamic temperature measurements with embedded optical sensors.	Dolan, Daniel H.; Seagle, Christopher T; Ao, Tommy	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096951	Effect of DC voltage pulses on memristor behavior.	Evans, Brian R.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096954	Timing is everything :	Kobos, Peter Holmes; Walker, La Tonya Nicole; Malczynski, Leonard A.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1096956	Design options for a bunsen reactor.	Moore, Robert Charles	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104705	Parameterized reduced-order models using hyper-dual numbers.	Fike, Jeffrey A.; Brake, Matthew Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013

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1104749	Simulation information regarding Sandia National Laboratories<U+2019> trinity capability improvement metric.	Agelastos, Anthony Michael; Lin, Paul T.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104754	Karst characterization in a semi-arid region using gravity, seismic, and resistivity geophysical techniques.	Barnhart, Kevin Scott	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104760	Sculpt test problem analysis.	Sweetser, John David	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104761	Comparison of open-source linear programming solvers.	Gearhart, Jared Lee; Adair, Kristin Lynn; Durfee, Justin David.; Jones, Katherine A.; Martin, Nathaniel; Detry,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104772	Effect of pressure vents on the fast cookoff of energetic materials.	Cooper, Marcia A.; Oliver, Michael S.; Erikson, William W	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104779	WeaselBoard :	Mulder, John C.; Schwartz, Moses Daniel; Berg, Michael J.; Van Houten, Jonathan Roger; Urrea, Jorge Mario;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1111318	Regulatory cross-cutting topics for fuel cycle facilities.	Denman, Matthew R.; Brown, Jason; Goldmann, Andrew Scott; Louie, David	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1111321	Trip report on IAEA Training Workshop on Implementation of Integrated Management Systems for Research Reactors (T3-TR-45496).	Pratt, Richard J.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	11/1/2013
1089869	GOMA 6.0 :	Schunk, Peter Randall; Rao, Rekha Ranjana; Chen, Ken S; Labreche, Duane A.; Sun, Amy Cha-Tien; Hopkins,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1111079	Scaling considerations for a multi-megawatt class supercritical CO2 brayton cycle and commercialization.	Fleming, Darryn D.; Holschuh, Thomas Vernon.; Conboy, Thomas M.; Pasch, James Jay; Wright, Steven A; Rochau,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	11/1/2013
1104703	Statistics of particle time-temperature histories :	Hewson, John C.; Gin, Craig; Lignell, David O.; Sun, Guangyuan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1104778	Contingency contractor optimization.	Gearhart, Jared Lee; Adair, Kristin Lynn; Jones, Katherine A.; Bandlow, Alisa; Durfee, Justin David.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013
1088061	Radar antenna pointing for optimized signal to noise ratio.	Doerry, Armin Walter; Marquette, Brandeis	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1095950	Formulating a simplified equivalent representation of distribution circuits for PV impact studies.	Reno, Matthew J.; Broderick, Robert Joseph; Grijalva, Santiago	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1096512	Grid integrated distributed PV (GridPV).	Reno, Matthew J.; Coogan, Kyle	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1089994	U.S. strategic petroleum reserve Big Hill 114 leak analysis 2012.	Lord, David L.; Roberts, Barry L.; Lord, Anna C. Snider; Sobolik, Steven Ronald; Park, Byoung Yoon; Rudeen,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1096260	Analysis of SPR salt cavern remedial leach program 2013.	Weber, Paula D.; Gutierrez, Karen A.; Lord, David L.; Rudeen, David Keith	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1089870	Sensitivity analysis of the fission gas behavior model in BISON.	Swiler, Laura Painton; Pastore, Giovanni; Perez, Danielle; Williamson, Richard	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1096510	DAKOTA reliability methods applied to RAVEN/RELAP-7.	Swiler, Laura Painton; Mandelli, Diego; Rabiti, Cristian; Alfonsi, Andrea	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1089987	Semi-polar GaN materials technology for high IQE green LEDs.	Koleske, Daniel; Lee, Stephen Roger; Crawford, Mary H; Coltrin, Michael Elliott; Fini, Paul	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1095932	New wholesale power market design using linked forward markets :	Silva Monroy, Cesar Augusto; Loose, Verne William; Ellison, James F.; Elliott, Ryan Thomas; Byrne, Raymond	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1093692	Radiobiological studies using gamma and x rays.	Potter, Charles Augustus; Longley, Susan W.; Scott, Bobby R.; Lin, Yong; Wilder, Julie; Hutt, Julie A.; Padilla,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1092992	Series and parallel arc-fault circuit interrupter tests.	Johnson, Jay Dean; Fresquez, Armando J.; Gudgel, Bob; Meares, Andrew	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1090206	Water use and supply concerns for utility-scale solar projects in the Southwestern United States.	Klise, Geoffrey Taylor; Tidwell, Vincent Carroll; Reno, Marissa Devan; Moreland, Barbara Denise.; Zemlick,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	7/1/2013
1089991	NV energy electricity storage valuation :	Ellison, James F.; Bhatnagar, Dhruv; Samaan, Nader; Jin, Chunlian	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1096455	Protocol for uniformly measuring and expressing the performance of energy storage systems.	Ferreira, Summer Kamal Rhodes; Rose, David Martin; Schoenwald, David A; Bray, Kathy; Conover, David;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1095942	Structural health and prognostics management for offshore wind turbines :	Myrent, Noah J.; Kusknick, Joshua F.; Barrett, Natalie C.; Adams, Douglas E.; Griffith, Daniel	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1096453	Xyce parallel electronic simulator release notes.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Sholander, Peter E.; Thornquist, Heidi K.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096463	Xyce parallel electronic simulator reference guide, version 6.0.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Thornquist, Heidi K.; Verley, Jason C.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1096496	Xyce parallel electronic simulator users<U+2019> guide, version 6.0.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Thornquist, Heidi K.; Verley, Jason C.;	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1089984	Natural gas network resiliency to a "shakeout scenario" earthquake.	Ellison, James F.; Corbet, Thomas Frank.; Brooks, Robert E.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1090216	Quick start user<U+2019>s guide for the PATH/AWARE decision support system.	Knowlton, Robert G.; Melton, Brad J; Einfeld, Wayne; Tucker, Mark D; Franco, David Oliver; Yang, Lynn I.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	6/1/2013
1093688	Preliminary photovoltaic arc-fault prognostic tests using sacrificial fiber optic cabling.	Johnson, Jay Dean; Blemel, Kenneth D.; Peter, Francis	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	2/1/2013
1088078	Incorporating supercritical steam turbines into molten-salt power tower plants :	Pacheco, James Edward; Wolf, Thorsten; Muley, Nishant	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1095925	Southern company energy storage study :	Ellison, James; Bhatnagar, Dhruv; Black, Clifton; Jenkins, Kip	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	3/1/2013
1096266	Modeling Hepatitis C treatment policy.	Kuypers, Marshall A.; Lambert, Gregory Joseph; Moore, Thomas W.; Glass, Robert John.; Finley, Patrick D.; Ross,	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096462	Market and policy barriers to energy storage deployment :	Bhatnagar, Dhruv; Currier, Aileen B.; Hernandez, Jacquelynn; Ma, Ookie; Kirby, Brendan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	9/1/2013
1096479	General purpose steam table library :	Carpenter, John H.; Belcourt, Kenneth Noel; Nourgaliev, Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	8/1/2013
1088105	An examination of content similarity within the memory of HPC applications.	Levy, Scott N.; Bridges, Patrick G.; Ferreira, Kurt Brian; Thompson, Aidan Patrick; Trott, Christian Robert	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	1/1/2013
1088091	A simulation infrastructure for examining the performance of resilience strategies at scale.	Ferreira, Kurt Brian; Levy, Scott N.; Bridges, Patrick G.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	4/1/2013
1096503	Investigating an API for resilient exascale computing.	Stearley, Jon R.; Tomkins, James; VanDyke, John P.; Ferreira, Kurt Brian; Laros, James H.; Bridges, Patrick	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	5/1/2013
1096252	A comprehensive approach to decipher biological computation to achieve next generation high-performance exascale computing.	James, Conrad D.; Schiess, Adrian B.; Howell, Jamie; Baca, Michael J.; Partridge, L. Donald; Finnegan, Patrick	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque	10/1/2013

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1089988	Toward a new metric for ranking high performance computing systems.	Heroux, Michael Allen; Dongarra, Jack.	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM	6/1/2013
1096447	Measuring relative performance of an EDS detector using a NiO standard.	Sugar, Joshua Daniel; Kotula, Paul Gabriel [Sandia National Laboratories, Albuquerque, NM]	TR	SNL	Sandia National Laboratories, Albuquerque, NM; Sandia National Laboratories (SNL-NM), Albuquerque, NM	9/1/2013
1060215	Monte Carlo Studies for the Radiation Shielding Design of LCLS-II	Xiao, Shanjie; Mao, Stan X.; Nicolas, Ludovic; Rokni, Sayed H.; Leitner, Mario Santana; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	1/16/2013
1060211	Radiation Protection Aspects in the Design of the Linac Coherent Light Source II	Santana Leitner, Mario; Liu, James C.; Mao, Stan X.; Nicolas, Ludovic; Rokni, Sayed H.; Xiao, Shanjie; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	1/17/2013
1060214	An Accurate Model of Beam Ion Instability with Nonlinear Space Charge, Realistic Beam Optics and Multiple Gas Species Vacuum	Wang, L.; Pivi, M.; Raubenheimer, T.O.; Safranek, J.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	1/17/2013
1063795	Some Sample Calculations for the Far Field Harmonic Power and Angular Pattern in LCLS-1 and LCLS-2	Fawley, W.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	2/15/2013
1074191	On The Lack of Time Dilation Signatures in Gamma-ray Burst Light Curves	Kocevski, Daniel; /KIPAC, Menlo Park; Petrosian, Vahe; /Stanford U., Space Sci. Astrophys. Ctr.;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	2/28/2013
1074170	Start-2-End Simulation in FACET Linac	Sun, Yipeng; Wienands, Uli; Woodley, Mark;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	4/1/2013
1074168	LCLS Strategic Plan	Stohr, Jo	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	4/2/2013
1074150	Electric Field Generated by Transition Radiation of a Short Bunch	Stupakov, G.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	4/15/2013
1074151	Trajectory studies for SPEAR3 LTB	Sun, Yipeng; Safranek, James; Tian, Kai; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	4/15/2013
1079818	Here be Dragons: The Unexplored Continents of the CMSSM	Cohen, Timothy; Wacker, Jay G.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	5/15/2013
1084321	PSEC Fast Timing Test	Albrow, Michael; Ramberg, Erik; Ronzhin, Anatoly; /Fermilab; Ertley, Camden; Frsich, Henry; Genat, Jean-	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	6/17/2013
1087913	The Effective Number Density of Galaxies for Weak Lensing Measurements in the LSST Project	Chang, C.; /KIPAC, Menlo Park; Jarvis, M.; Jain, B.; /Pennsylvania U.; Kahn, S.M.; /KIPAC, Menlo Park; Kirkby,	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	7/19/2013
1092075	Melting Thin Foils by Incident Relativistic Electron Bunch	Stupakov, G.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	9/5/2013
1092771	LCLS Ultrafast Science Instruments II (LUSI-II) Proposal	Arthur, John; Barnett, Bronwyn; Bergmann, Uwe; Bostedt, Christoph; Boutet, Sebastien; Bozek, John;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	9/11/2013
1095026	Annual Site Environmental Report: 2012 (ASER)	Sabba, D	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	9/23/2013
1095028	International Linear Collider Technical Design Report - Volume 2: Physics	Baer, Howard; Barklow, Tim; Fujii, Keisuke; Gao, Yuanning; Hoang, Andre; Kanemura, Shinya; List, Jenny;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	9/23/2013
1095532	Using Cumulative Number Densities to Compare Galaxies Across Cosmic Time	Behroozi, Peter; Marchesini, Danilo; Wechsler, Risa; Muzzin, Adam; Papovich, Casey; Stefanon, Mauro;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	10/2/2013
1108343	SUSY Simplified Models at 14, 33, and 100 TeV Proton Colliders	Cohen, Timothy	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	11/25/2013
1110631	What Limits the Gap in a Flat Dechirper for an X-ray FEL	Bane, K.L.F.; Stupakov, G.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	12/9/2013
1111380	Estimates of Power Radiated by the Beam in Bends of LCLS-II	Bane, K.L.F.; Emma, P.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	12/16/2013
1111381	A Possible Dechirper Device for the LCLS and LCLS-II	Bane, K.; Emma, P.; Huang, Z.; Iverson, R.; Raubenheimer, T.; Stupakov, G.; Wang, L.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory (SLAC)	12/16/2013
1093706	Design and evaluation of the ReKon : an integrated detection and assessment perimeter system.	Dabbling, Jeffrey Glenn; Andersen, Jason Jann; McLaughlin, James O. [Stonewater Control Systems,	TR	SNL	Stonewater Control Systems, Inc., Kannapolis, NC	2/1/2013
1088058	Penetration of rod projectiles in semi-infinite targets : a validation test for Eulerian X-FEM in ALEGRA.	Park, Byoung Yoon; Leavy, Richard Brian [U.S. Army Research Laboratory, Aberdeen Proving Grounds, MD];	TR	SNL	United States. Department of the Army. Army Res	3/1/2013
1096470	A novel method for modeling the neutron time of flight (nTOF) detector response in current mode to inertial confinement fusion experiments.	Nelson, Alan J. [University of New Mexico, Albuquerque, NM]; Cooper, Gary Wayne [University of New Mexico,	TR	SNL	University of New Mexico, Albuquerque, NM; Sandia	9/1/2013
1104707	Yearly update : exascale projections for 2013.	Kogge, Peter [University of Notre Dame, Notre Dame, IN]; Resnick, David R.	TR	SNL	University of Notre Dame, Notre Dame, IN; Sandia	10/1/2013



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1114908	ANL Critical Assembly Covariance Matrix Generation - Addendum	McKnight, R. D.; Grimm, K. N. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/13/2014
1114909	Covariance Matrix Generation at ANL	McKnight, R. D.; Grimm, K. N. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/13/2014
1121040	Development of SFR Primary System Simulation Capability for Advanced System Codes	Hu, R.; Thomas, J. W.; Munkhzul, E.; Fanning, T. H.; Zhang, H.; Martineau, R. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/14/2014
1114907	ANL Critical Assembly Covariance Matrix Generation	McKnight, R. D.; Grimm, K. N. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	1/15/2014
1118139	FY10 Report on Multi-scale Simulation of Solvent Extraction Processes: Molecular-scale and Continuum-scale Studies	Wardle, K.E.; Frey, K.; Pereira, C. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	2/2/2014
1118140	Microorganisms Associated with Hydrocarbon Contaminated Sites and Reservoirs for Microbially	Negri, M.C. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	2/4/2014
1121044	Beam Transport Testing for the Production Accelerator Arrangement	Gromov, R.; Chemerisov, S. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	2/14/2014
1128670	Designs of Column Separation Processes for Recovery of Molybdenum from Dissolved High-Density LEU Target -	Stepinski, D.; Krahn, E.O.; Chung, P.; Vandegrift, G.F. (Chemical Sciences and Engineering	TR	ANL	Argonne National Laboratory (ANL)	2/14/2014
1121041	Uranium Anodic Dissolution under Slightly Alkaline Conditions Progress Report Full-Scale Demonstration with	Gelis, A.; Brown, M.A.; Wiedmeyer, S.; Vandegrift, G.F. (Chemical Sciences and	TR	ANL	Argonne National Laboratory (ANL)	2/18/2014
1121045	FY13 Progress Report on the Phase I Mini-SHINE Water Irradiations and Micro-SHINE Irradiations	Youker, A.J.; Krebs, J.F.; Kalensky, M.; Tkac, P.; Chemerisov, S.; Vandegrift, G.F. (Chemical	TR	ANL	Argonne National Laboratory (ANL)	2/19/2014
1121046	Recovery of Mo for Accelerator Production of Mo-99 Using (y,n) Reaction on Mo-100	Tkac, P.; Vandegrift, G.F.; Nunn, S.D.; Harvey, J. (Chemical Sciences and Engineering Division);	TR	ANL	Argonne National Laboratory (ANL)	2/19/2014
1128668	Design of Column Separation Processes for Recovery of Molybdenum from Dissolved High-Density LEU Target	Stepinski, D.C.; Krahn, E.O.; Chung, P.; Vandegrift, G.F. (Chemical Sciences and	TR	ANL	Argonne National Laboratory (ANL)	2/19/2014
1128669	Argonne Mockup of the Two Frontend Processes for the Hot-Cell Demonstrations to be Run at Oak Ridge National	Vandegrift, G.F.; Bailey, J.; Brown, M.A.; Gelis, A.; Jerden, J.; Hafenrichter, L.; Hebden, A.;	TR	ANL	Argonne National Laboratory (ANL)	2/19/2014
1131400	Dissolution of U-Mo-Alloy Scrap from Fuel Fabrication	Stepinski, D.C.; Swanson, J.; Stevens, J.; Vandegrift, G.F. (Chemical Sciences and	TR	ANL	Argonne National Laboratory (ANL)	2/19/2014
1122337	Reversal of OFI and CHF in Research Reactors Operating at 1 to 50 Bar. Version 1.0	Kalimullah, M.; Olson, A.P.; Dionne, B.; Feldman, E.E.; Matos, J.E. (Nuclear Engineering	TR	ANL	Argonne National Laboratory (ANL)	2/28/2014
1122336	Dry Cask Storage Inspection and Monitoring. Interim Report.	Bakhtiari, S.; Elmer, T.W.; Koehl, E. R.; Wang, K.; Raptis, A. C.; Kunerth, D. C.; Birk, S. M. (Nuclear	TR	ANL	Argonne National Laboratory (ANL)	3/4/2014
1130301	VISION Model Description and User's Guide: Model Used to Estimate the Impacts of Highway Vehicle Technologies and	Zhou, Y.; Vyas, A. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	3/10/2014
1127296	Development of Cross Section Library and Application Programming Interface (API)	Lee, C.H.; Marin-Lafleche, A.; Smith, M.A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/9/2014
1127297	Development Plan for NEAMS Neutronics Module	Lee, C.H.; Smith, M.A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/9/2014
1127298	DIF3D-VARIANT 11.0: A Decade of Updates	Smith, M.A.; Lewis, E.E.; Shemon, E.R. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/9/2014
1128671	Continued Research for Improvement of PROTEUS-SN	Smith, M.A.; Mahadevan, V.; Wolters, E. R. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/11/2014
1132250	Front-End Processes for Conversion of Current HEU-Based Alkaline Processes to LEU Foil Targets: Volumes and	Jerden, J.L.; Stepinski, D.C.; Gelis, A.; Vandegrift, G.F. (Chemical Sciences and Engineering	TR	ANL	Argonne National Laboratory (ANL)	4/11/2014
1128672	Meshkit	Jain, R.; Tautges, T. J. (Mathematics and Computer Science)	TR	ANL	Argonne National Laboratory (ANL)	4/14/2014
1132249	Mini-SHINE/MIPS Experiment	Chemerisov, S.; Vandegrift, G.F. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/14/2014
1132251	FY-13 Progress Report on the Cleanup of Irradiated 130 g-U/L Uranyl Sulfate SHINE Target Solutions	Bennett, M.E.; Bowers, D.L.; Vandegrift, G.F. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	4/14/2014
1128673	Documenting Dual-Column Experiment with Mini-SHINE Solution	Stepinski, D.C.; Krebs, J.F.; Youker, M.J.; Hebden, A.S.; Vandegrift, G.F. (Chemical	TR	ANL	Argonne National Laboratory (ANL)	4/16/2014
1130299	Evaluation of the Efficacy of Bayesian Calibration	Heo, Y.; Graziano, D.; Guzowski, L.; Muehleisen, R. (Decision and Information Sciences);	TR	ANL	Argonne National Laboratory (ANL)	4/26/2014
1130300	Comparative Analysis for the Chicago Energy Retrofit Project	Guzowski, L.; Muehleisen, R.; Heo, Y.; Graziano, D. (Decision and Information Sciences);	TR	ANL	Argonne National Laboratory (ANL)	4/26/2014
1130738	Carbon Calculator for Land Use Change from Biofuels Production (CCLUB) Users' Manual and Technical	Dunn, J.B.; Mueller, S.; Kwon, H.; Wander, M.; Wang, M.Q. (Energy Systems); (University of	TR	ANL	Argonne National Laboratory (ANL)	5/1/2014
1130740	Vehicle Technologies Program Government Performance and Results Act (GPRA) Report for Fiscal Year 2015	Stephens, T.S.; Birky, A.K.; Ward, J. (Energy Systems); (TA Engineering, Inc.); (U.S.	TR	ANL	Argonne National Laboratory (ANL)	5/2/2014
1130739	Fatigue Behavior of Pressure Tube Material Zr-2.5Nb in Air and in Simulated CANDU-Reactor Water Environments	Li, M.; Soppet, W.K.; Natesan, K. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	5/7/2014
1132253	Design of the Phase-2 Target for Mini-SHINE/MIPS Experiments	Chemerisov, S.; Bailey, J.; Makarashvili, V.; Micklich, B.; Vandegrift, G.F. (Chemical Sciences	TR	ANL	Argonne National Laboratory (ANL)	5/15/2014

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1132248	Analysis of Riverine Sediment and Nutrient Exports in Missouri River Basin by Application of SWAT Model	Zhang, Z.; Wu, M. (Energy Systems) ; (U.S. Army Corps of Engineers)	TR	ANL	Argonne National Laboratory (ANL)	5/16/2014
1132252	Geothermal Power Production: Alternative Scenarios and Critical Issues	Sullivan, J.L.; Stephens, T.; Wang, M. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	5/16/2014
1137183	Control and Protection System Conceptual Design Logic Diagrams for Neutron Source Facility at the Kharkov	Gohar, Y.; Wei, T.; Briggs, L.; Park, Y.; Sumner, T.; Grelle, A.; Stein, S. J. (Materials Science)	TR	ANL	Argonne National Laboratory (ANL)	5/19/2014
1132754	Analysis of the KUCA Type-A Experiments	Aliberti, G.; Morman, J.A.; Stevens, J.G.; Roglans Ribas, J. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	5/28/2014
1133256	Scoping Study Using Randomized Controlled Trials to Optimize Small Buildings' and Small Portfolios' (SBSPP)	Guzowski, L.; Tataara, E.; Milostan, C. (Decision and Information Sciences)	TR	ANL	Argonne National Laboratory (ANL)	5/29/2014
1155056	Geothermal Water Use: Life Cycle Water Consumption, Water Resource Assessment, and Water Policy Framework	Schroeder, J. N.; Harto, C. B.; Horner, R. M.; Clark, C. E.	TR	ANL	Argonne National Laboratory (ANL)	6/1/2014
1165600	Modeling and Analysis of Value of Advanced Pumped Storage Hydropower in the United States	Koritarov, Vladimir; Veselka, Thomas D.; Gasper, John; Bethke, Brett M.; Botterud,	TR	ANL	Argonne National Laboratory (ANL)	6/1/2014
1134005	Verification and Validation of High-Fidelity Multi-Physics Simulation Codes for Advanced Nuclear Reactors (Year 2)	Lee, C. H.; Lee, H. C. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	6/6/2014
1134007	Optimization of an Acid-Dissolution Front-End Process to Produce a Feed for the Current Mo-99 Recovery Processes	Jerden, J.; Bailey, J.; Hafenrichter, L.; Vandegrift, G.F. (Chemical Sciences and Engineering	TR	ANL	Argonne National Laboratory (ANL)	6/6/2014
1134008	Design, Fabrication, and Testing of an Acid-Dissolution Front-End Process for Current Mo-99 Recovery Processes: Optimization for Full Scale Demonstration at the Cell	Jerden, J.; Bailey, J.; Vandegrift, G.F. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	6/6/2014
1134012	Full-Scale Testing of the Ambient Pressure, Acid-Dissolution Front-End Process for the Current (sup 99)Mo Recovery	Jerden, J.; Bailey, J.; Hafenrichter, L.; Vandegrift, G.F. (Chemical Sciences and Engineering	TR	ANL	Argonne National Laboratory (ANL)	6/6/2014
1134004	Dissolution of Irradiated U-Mo Alloy Monolithic Fuel Containing 10% (w/w) Mo	Stepinski, D.C.; Swanson, J.; Vandegrift, G.F. (Chemical Sciences and Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	6/9/2014
1134006	FY 2013 Progress Report on the Cleanup of Irradiated 130 g U/L Uranyl Sulfate SHINE Target Solutions Final	Bennett, M.E.; Bowers, D.L.; Pereira, C.; Youker, A.J.; Vandegrift, G.F. (Chemical Sciences and	TR	ANL	Argonne National Laboratory (ANL)	6/9/2014
1137184	Summary Site Environmental Report for Calendar Year 2012	Moos, L.P. (ESQ)	TR	ANL	Argonne National Laboratory (ANL)	6/10/2014
1137185	Development of the Table of Initial Isolation and Protective Action Distances for the 2012 Emergency Response	Brown, D. F.; Freeman, W. A.; Haney, W. D. (Decision and Information Sciences)	TR	ANL	Argonne National Laboratory (ANL)	6/10/2014
1137188	Technical Letter Report on Crack Growth Rate Testing on Alloy 600 Nozzle Sections from the Replacement Pressure	Alexandreaun, B; Chen, Y.; Natesan, K.; Shack, W.J. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	7/1/2014
1151878	Calculated Shims' Signatures with the 17.2 mm Period New Undulator	Abliz, M.; Vasserman, I. (Accelerator Systems Division (APS))	TR	ANL	Argonne National Laboratory (ANL)	7/1/2014
1151879	Decreasing the Magnetic Force for a 27-mm Period Undulator	Abliz, M.; Grimmer, J.; Vasserman, I. (Accelerator Systems Division (APS))	TR	ANL	Argonne National Laboratory (ANL)	7/3/2014
1149252	Supply Chain Sustainability Analysis of Three Biofuel Pathways. Biochemical Conversion of Corn Stover to	Dunn, J.B.; Johnson, M.; Wang, Z.; Wang, M.; Cafferty, K.; Jacobson, J.; Searcy, E.; Biddy, M.;	TR	ANL	Argonne National Laboratory (ANL)	7/10/2014
1155037	Method for Increased Accuracy of ICP-MS Detection of Potassium in Samples with High Molybdenum Content	Tkac, Peter; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	7/25/2014
1155055	Quantitative Assessment of Options for Managing Brines Extracted from Deep Saline Aquifers used for Carbon	Harto, Christopher B.	TR	ANL	Argonne National Laboratory (ANL)	8/1/2014
1165460	Pumped Storage Hydropower: Benefits for Grid Reliability and Integration of Variable Renewable Energy	Botterud, Audun; Levin, Todd; Koritarov, Vladimir	TR	ANL	Argonne National Laboratory (ANL)	8/1/2014
1149679	Neutron Source Facility Simulator (NSFS)	Grelle, A.; Cao, Y.; Gohar, Y.; Park, Y.; Wei, T. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/7/2014
1149680	Surveillance of Site A and Plot M Report for 2013	Moos, L.P. (ESQ)	TR	ANL	Argonne National Laboratory (ANL)	8/7/2014
1155039	Corrosion Test Results for Construction Materials Used in Mini-SHINE System	Youker, Amanda J.; Krebs, John F.; Tsai, Yifen; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	8/8/2014
1155046	VERSE Simulations and Experiments of Competing Components in Molybdenum Adsorption and Recovery	Youker, Amanda J.; Stepinski, Dominique C.; Vandegrift, George F.; Wang, N-H. Linda; Ling,	TR	ANL	Argonne National Laboratory (ANL)	8/8/2014
1155038	Anodic Dissolution of Uranium under Slightly Alkaline Conditions	Brown, Michael A.	TR	ANL	Argonne National Laboratory (ANL)	8/11/2014
1155054	Experimental Results for Potential Precipitates in SHINE Target Solution	Youker, Amanda J.	TR	ANL	Argonne National Laboratory (ANL)	8/12/2014
1149681	PROTEUS-SN User Manual	Shemon, E. R.; Smith, M. A.; Lee, C. H.; Marin-Lafleche, A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/13/2014
1150205	PROTEUS-SN Methodology Manual	Shemon, E. R.; Smith, M. A.; Lee, C. H. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	8/14/2014
1155045	SHINE Target-Solution Chemistry: Thermodynamic Modeling of Speciation, Precipitate Formation, and the	Jerden, James L.	TR	ANL	Argonne National Laboratory (ANL)	8/18/2014
1155132	Summary of RELAP5 Assessments Performed in Relation to Conversion Analysis of Research Reactors	Dionne, B.; Dunn, F.; Feldman, E.; Garner, P.; Kalimullah, M.; Hanan, N. (Nuclear Engineering	TR	ANL	Argonne National Laboratory (ANL)	8/21/2014

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1155047	Irradiation Stability of Syringe and Valve Controllers of RadioGenix(TM) System	Quigley, Kevin J.; Makarashvili, Vakhtang; Chemerisov, Sergey D.; Vandegrift, George F.;	TR	ANL	Argonne National Laboratory (ANL)	8/26/2014
1155044	Report Documenting the Speciation of Metals in Homogeneous Reactor Solutions : RERTR Milestone Report	Jerden, James L.; Fortner, Jeffrey; Stepinski, Dominique	TR	ANL	Argonne National Laboratory (ANL)	8/27/2014
1159188	Recovery of Mo from Natural Mo Targets Irradiated at MURR	Tkac, Peter; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	9/1/2014
1165455	OPTIMIZATION AND SCALE-UP OF MOLYBDENUM-RECYCLE PROCESS	Tkac, Peter; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	9/1/2014
1165671	Dynamic Factor Graphs - A New Wind Power Forecasting Approach	Silva, Catia; Bessa, Ricardo; Pequeno, Erika; Jean, Sumaili; Vladimiro, Miranda; Zhou, Zhi;	TR	ANL	Argonne National Laboratory (ANL)	9/1/2014
1155040	Development of Recovery and Purification Processes for Mo-99 from an Accelerator Driven Subcritical Target	Stepinski, Dominique C.; Youker, Amanda J.; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	9/2/2014
1155133	Estimation of Emission Factors and Particulate Black Carbon and Organic Carbon from Stationary, Mobile, and	Cai, H.; Wang, M.Q. (Energy Systems)	TR	ANL	Argonne National Laboratory (ANL)	9/2/2014
1157513	Update on Activity 6: Target Solution Chemistry Determination of Iron Sulfate	Brown, Michael A.	TR	ANL	Argonne National Laboratory (ANL)	9/11/2014
1156897	Acid-Dissolution Front-End Process for Mo-99 Recovery at Ambient Pressure: Final Design and REsults from Frull-Scale	Jerden, James L.	TR	ANL	Argonne National Laboratory (ANL)	9/12/2014
1156937	Ultra-High-Efficiency Aluminum Production Cell	Hryn, John N.; Tkacheva, Olga Y.; Spangenberg, Jeffrey S.	TR	ANL	Argonne National Laboratory (ANL)	9/18/2014
1157511	VERIFICATION OF COLUMN DESIGN FOR RECOVERY OF Mo FROM LOW-ENRICHED URANIUM TARGET USING	Stepinski, Dominique C.; Youker, Amanda J.; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	9/18/2014
1157512	Irradiation of HDPE Bottles	Tkac, Peter; Makarashvili, Vakhtang; Quigley, Kevin; Chemerisov, Sergey D.; Vandegrift,	TR	ANL	Argonne National Laboratory (ANL)	9/22/2014
1157517	Ramona, Kansas, Corrective Action Monitoring Report for 2013	LaFreniere, Lorraine M	TR	ANL	Argonne National Laboratory (ANL)	9/23/2014
1157668	Optimization of an Acid-Dissolution Front-End Process to Produce a Feed for the Current Mo-99 Recovery Processes	Jerden, James L.	TR	ANL	Argonne National Laboratory (ANL)	9/23/2014
1159227	Uranium Dioxide Conversion	Figueroa, Javier; Williamson, Mark A.	TR	ANL	Argonne National Laboratory (ANL)	9/25/2014
1159908	Managing Aging Effects on Dry Cask Storage Systems for Extended Long-Term Storage and Transportation of Used	Chopra, O.K.; Diercks, D.R.; Fabian, R.R.; Han, Z.H.; Liu, Y.Y.	TR	ANL	Argonne National Laboratory (ANL)	9/25/2014
1159911	Effects of Multiple Drying Cycles on High-Burnup PWR Cladding Alloys	Billone, M.C.; Burtseva, T.A.; Han, Z.H.; Liu, Y.Y.	TR	ANL	Argonne National Laboratory (ANL)	9/25/2014
1158845	2014 MeshKit Release	Jain, Rajeev; Mahadevan, Vijay	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1159036	Computer Spreadsheet Representation of the Groeneveld et al. 2006 Critical Heat Flux Look-Up Table	Feldman, E.E. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1159037	Out-of-Pile Task 14.5.1: Impact of Mechanical Constraints on Peak Cladding Strain of U-10Mo Monolithic Plate. GTRI -	Mohamed, W. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165424	The Use of Eichrom's ABEC Resin for Technetium Removal from Potassium Molybdate Solutions	Bennett, Megan E.; Stepinski, Dominique; Naik, Seema R.; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165447	Mo Recovery Updates and Physical Properties of Uranyl Sulfate Solutions	Youker, Amanda J.; Stepinski, Dominique C.; Ling, Lei; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165450	Bulk Shielding for NorthStar Production Facility	Micklich, Bradley J.	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165452	Superconducting Electron Linac Concepts for Molybdenum-99 Production	Ostroumov, P. N.; Conway, Z. A.; Kelly, M. P.	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165454	SCALABILITY OF THE LEU-MODIFIED CINTICHEM PROCESS	Tkac, Peter; Rotsch, David A; Quigley, Kevin; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1165456	Peroxide Formation, Destruction, and Precipitation in Uranyl Sulfate Solutions: Simple Addition and Radiolytically	Youker, Amanda J.; Jerden, James; Kalensky, Michael; Quigley, Kevin; Jonah, Charles;	TR	ANL	Argonne National Laboratory (ANL)	10/1/2014
1158939	Very Short-Term Wind Power Forecasting: State-of-the-Art	Mendes, Joana; Sumaili, Jean; Bessa, Ricardo; Keko, Hrvoje; Miranda, Vladimiro; Botterud,	TR	ANL	Argonne National Laboratory (ANL)	10/2/2014
1159187	Plant-Scale Column Designs for SHINE Target Solutions	Youker, Amanda J.; Stepinski, Dominique C.; Ling, Lei; Chung, Pei-Lun; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	10/7/2014
1159189	Dissolution of Sintered Mo Disks	Tkac, Peter; Vandegrift, George F.	TR	ANL	Argonne National Laboratory (ANL)	10/7/2014
1159321	Update on Developments for the SFR System Analysis Module	Hu, R.; Fanning, T. H. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/8/2014
1159797	Verification and Validation Plan for PROTEUS	Shemon, E. R.; Lee, C. H.; Smith, M. A. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	10/15/2014
1159807	Iso-polyoxomolybdates for the Recovery of Molybdenum from Alkaline Solutions	Rotsch, David A; Vandegrift, George F.; Harvey, James	TR	ANL	Argonne National Laboratory (ANL)	10/15/2014

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1160209	Computational Fluid Dynamics (CFD) Analyses of a Glovebox under Glove Loss Conditions	Strons, P.; Bailey, J. L.; Frigo, A. A. [Chemical Sciences and Engineering Division]; ( NE)	TR	ANL	Argonne National Laboratory (ANL)	10/20/2014
1162272	Development of Highly Selective Oxidation Catalysts by Atomic Layer Deposition	Elam, Jeffrey W.	TR	ANL	Argonne National Laboratory (ANL)	10/30/2014
1163649	Saline Water for Power Plant Cooling: Challenges and Opportunities	Harto, Christopher; Finster, Molly; Schroeder, Jenna; Clark, Corrie	TR	ANL	Argonne National Laboratory (ANL)	11/10/2014
1164521	LAMMPS strong scaling performance optimization on Blue Gene/Q	Coffman, Paul; Jiang, Wei; Romero, Nichols A.	TR	ANL	Argonne National Laboratory (ANL)	11/12/2014
1164520	Radiological Dose and Risk Assessment of Landfill Disposal of Technologically Enhanced Naturally Occurring	Harto, Christopher B.; Smith, Karen P. ; Kamboj, Sunita; Quinn, John J.	TR	ANL	Argonne National Laboratory (ANL)	11/20/2014
1165335	User Manual for EXODUS II Mesh Converter	Shemon, E. R.; Attaway, C. W. (Nuclear Engineering Division)	TR	ANL	Argonne National Laboratory (ANL)	12/9/2014
1130390	Analysis of Potential Energy Corridors Proposed by the Western Electricity Coordinating Council	Kuiper, James A.; Cantwell, Brian J.; Hlava, Kevin J.; Moore, H Robert; Orr, Andrew B.; Zvolanek,	TR	ANL	Argonne National Laboratory (ANL), A	2/24/2014
1130391	Electricity Transmission, Pipelines, and National Trails. An Analysis of Current and Potential Intersections on Federal	Kuiper, James A.; Krummel, John R; Hlava, Kevin J.; Moore, H Robert; Orr, Andrew B; Schlueter,	TR	ANL	Argonne National Laboratory (ANL), A	3/25/2014
1136333	OSCEF: The Open-Source CIM-EARTH Framework User Manual for Version 1.0	Choi, Sou-Cheng T. [The Computation Institute]; Munson, Todd [Argonn]	TR	ANL	Argonne National Laboratory (ANL), A	4/11/2014
1136276	Assessment of Threats to Wetland Integrity at New Boston Air Force Station, New Hampshire, with Recommendations	Van Lonkhuyzen, R. A. [Argonne National Laboratory]; LaGory, K. E. [Argonne National	TR	ANL	Argonne National Laboratory (ANL), A	5/16/2014
1131706	Water Use Optimization Toolset Project: Development and Demonstration Phase Draft Report	Gasper, John R. [Argonne National Laboratory]; Veselka, Thomas D. [Argonne National	TR	ANL	Argonne National Laboratory (ANL), A	5/19/2014
1136271	Processing of Sintered Mo Disks Using Hydrogen Peroxide	Tkac, Peter; Vandegrift, George; Nunn, Stephen D.; Harvey, James	TR	ANL	Argonne National Laboratory (ANL), A	6/17/2014
1150077	Method for Increased Accuracy of ICP-MS Detection of Potassium in Samples wth High Molybdenum Content	Tkac, Peter [Argonne National Laboratory]; Vandegrift, George F. [Argonne National	TR	ANL	Argonne National Laboratory (ANL), A	7/25/2014
1119569	FFAG Designs for Muon Collider Acceleration	Berg, J. Scott [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator	TR	BNL	Brookhaven National Lab. (BNL), Upton	1/13/2014
1127418	Beam-based measurement of the center of the new STAR pipe	Robert-Demolaize, G. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-	TR	BNL	Brookhaven National Lab. (BNL), Upton	2/25/2014
1127069	Vortex stabilized electron beam compressed fusion grade plasma	Hershcovitch, Ady [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-	TR	BNL	Brookhaven National Lab. (BNL), Upton	3/19/2014
1148882	International Conference on Human Resource Development for Nuclear Power Programmes: Strategies	Pepper, Susan E. [Brookhaven National Lab. (BNL), Upton, NY (United States).	TR	BNL	Brookhaven National Lab. (BNL), Upton	6/24/2014
1132993	Meteorological Services Annual Data Report for 2013	Heiser J. ;Smith, S.	TR	BNL	Brookhaven National Laboratory (BNL)	1/1/2014
1148880	Analysis of Loss-of-Coolant Accidents in the NBSR	Baek J. S. ;Cheng L. ;Diamond, D.	TR	BNL	Brookhaven National Laboratory (BNL)	5/23/2014
1149074	Statistical Hot Channel Analysis for the NBSR	Cuadra A. ;Baek J.	TR	BNL	Brookhaven National Laboratory (BNL)	5/27/2014
1143601	Recommended values for the distribution coefficient (Kd) to be used in dose assessments for decommissioning the	Sullivan T.	TR	BNL	Brookhaven National Laboratory (BNL)	6/9/2014
1143602	Screening evaluation of radionuclide groundwater concentrations for the end state basement fill model Zion	Sullivan T.	TR	BNL	Brookhaven National Laboratory (BNL)	6/9/2014
1143600	Sorption (Kd) measurements on cinder block and grout in support of dose assessments for Zion Nuclear Station	Milian L. ;Sullivan T.	TR	BNL	Brookhaven National Laboratory (BNL)	6/24/2014
1134663	Calculation of Design Parameters for an Equilibrium LEU Core in the NBSR using a U7Mo Dispersion Fuel	Hanson A. L. ;Diamond D.	TR	BNL	Brookhaven National Laboratory (BNL)	6/30/2014
1156860	The U.S./IAEA Workshop on Software Sustainability for Safeguards Instrumentation	Pepper S. E. ; ;Worrall, L.; Pickett, C.; Bachner, K.; Queirolo, A.	TR	BNL	Brookhaven National Laboratory (BNL)	8/8/2014
1119566	Analysis and approximations for crossing two nearby spin resonances	Ranjbar, V. H. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator	TR	BNL	Brookhaven National Laboratory (BNL)	1/7/2014
1149436	Details and justifications for the MAP concept specification for acceleration above 63 GeV	Berg, J. Scott [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator	TR	BNL	Brookhaven National Laboratory (BNL)	2/28/2014
1130444	The AGS Ggamma Meter and Calibrating the Gauss Clock	Ahrens, Leif [Brookhaven National Laboratory (BNL), Upton, NY (United States). Collider-	TR	BNL	Brookhaven National Laboratory (BNL)	3/31/2014
1132479	Proceedings of RIKEN BNL Research Center Workshop: The Approach to Equilibrium in Strongly Interacting Matter.	Liao, J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Venugopalan, R.	TR	BNL	Brookhaven National Laboratory (BNL)	4/9/2014
1149073	Irradiation Experiment Conceptual Design Parameters for NBSR Fuel Conversion	Brown, N. R. [Brookhaven National Lab. (BNL), Upton, NY (United States). Nuclear Science and	TR	BNL	Brookhaven National Laboratory (BNL)	4/30/2014
1132998	On compensating tune spread induced by space charge in bunched beams	Litvinenko V. N. ;Wang, G.	TR	BNL	Brookhaven National Laboratory (BNL)	5/9/2014
1154889	Double Quarter Wave Crab Cavity Field Profile Analysis and Higher Order Mode Characterization	Marques, Carlos [Brookhaven National Lab. (BNL), Upton, NY (United States). Accelerator R	TR	BNL	Brookhaven National Laboratory (BNL)	6/1/2014

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1149437	Parameter choices for a muon recirculating linear accelerator from 5 to 63 GeV	Berg, J. S. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	6/19/2014
1159691	FY2014 Parameters for Helions and Gold Ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/15/2014
1159699	Proceedings of RIKEN BNL Research Center Workshop: Thermal Photons and Dileptons in Heavy-Ion Collisions.	David, G. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Rapp, R. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/11/2014
1165710	2013 BNL Site Environmental Report. Volume 1	Ratel, K.; Remien, J.; Pohlott, P.; Williams, J.; Green, T.; Paquette, P.; Dorsch, W.; Welty, T.; Schwager, K.; Green, T. M.	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2014
1165712	Wildland Fire Management Plan for Brookhaven National Laboratory	Schwager, K.; Green, T. M.	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2014
1160060	Secure Transportation Management	Gibbs, P. W. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/15/2014
1163648	9-D polarized proton transport in the MEIC figure-8 collider ring: first steps	Meot, F. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	10/24/2014
1157498	Simulations of Merging Helion Bunches on the AGS Injection Porch	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/29/2014
1162167	Comments on Injector Proton Beam Study in Run 2014	Zhang, S. Y. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	9/15/2014
1164789	Differential two-body compound nuclear cross section, including the width-fluctuation corrections	Brown, D. [Brookhaven National Lab. (BNL), Upton, NY (United States). NNDC]; Herman, M. [Brookhaven National Lab. (BNL), Upton, NY (United States). NNDC]	TR	BNL	Brookhaven National Laboratory (BNL)	9/2/2014
1164790	Averaging cross section data so we can fit it	Brown, D. [Brookhaven National Lab. (BNL), Upton, NY (United States). NNDC]	TR	BNL	Brookhaven National Laboratory (BNL)	10/23/2014
1164794	Intriguing Trends in Nuclear Physics Articles Authorship	Pritychenko, B. [Brookhaven National Lab. (BNL), Upton, NY (United States). NNDC]	TR	BNL	Brookhaven National Laboratory (BNL)	11/6/2014
1165963	Beam Energy Scan a Case for the Chiral Magnetic Effect in Au-Au Collisions	Longacre, R. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	1/5/2014
1119568	RHIC 100 GeV Polarized Proton Luminosity	Zhang, S. Y. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	1/17/2014
1121843	Noise estimation of beam position monitors at RHIC	Shen, X. [Indiana Univ., Bloomington, IN (United States)]; Bai, M. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	2/10/2014
1127056	Waveform dependence on signal amplitude in the RHIC H-Jet polarimeter	Poblaguev, A. A. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	2/25/2014
1127064	Simulation of Statistical Fluctuations in the Spin Precession Measurements at RHIC	Poblaguev, A. A. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	2/25/2014
1127068	Simulations of Gaussian electron guns for RHIC electron lens	Pikin, A. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	2/28/2014
1127055	A precise in situ calibration of the RHIC H-Jet polarimeter	Poblaguev, A. A. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	3/5/2014
1131653	Transverse impedance measurement in RHIC and the AGS	Biancacci, Nicolo [European Organization for Nuclear Research (CERN), Geneva]	TR	BNL	Brookhaven National Laboratory (BNL)	5/12/2014
1149435	The influence of longitudinal space charge fields on the modulation process of coherent electron cooling	Wang, G. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	5/21/2014
1149124	p-Au ramp test	Montag, C. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	6/10/2014
1149123	RHIC Abort Kicker Prefire Report	Tan, Y. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	7/7/2014
1149125	Optics solutions for pp operation with electron lenses at 100 GeV	White, S. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	7/12/2014
1154891	Analysis of failed ramps during the RHIC FY09 run	Minty, M. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/15/2014
1154892	Absolute beam emittance measurements at RHIC using ionization profile monitors	Minty, M. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/15/2014
1154898	Longitudinal emittance measurements in the Booster and AGS during the 2014 RHIC gold run	Zeno, K. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/18/2014
1156868	Comparison of the Window-Frame RHIC-abort kicker with C-type Kicker	Tsoupas, N. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	8/26/2014
1159698	Optics measurement and correction during beam acceleration in the Relativistic Heavy Ion Collider	Liu, C. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	9/9/2014
1162161	RHIC Au beam in Run 2014	Zhang, S. Y. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	9/15/2014
1119567	RHIC Proton Luminosity and Polarization Improvement	Zhang, S. Y. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	1/17/2014
1149122	Experience with OpenMP for MADX-SC	D'Imperio, Nicholas [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator Dept.]	TR	BNL	Brookhaven National Laboratory (BNL)	7/1/2014

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1149029	Project Execution Plan for the Remote Handled Low-Level Waste Disposal Project	Danny Anderson	TR	INL	Department of Energy (DOE)	7/1/2014
1127149	Modeling CO <sub>2</sub> -Brine-Rock Interaction Including Mercury and H <sub>2</sub> S Impurities in the Context of CO <sub>2</sub> -Brine-Rock Interaction	Spycher, N.; Oldenburg, C. M.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/1/2014
1129518	Addressing Kitchen Contaminants for Healthy, Low-Energy Homes	Stratton, J. Chris; Singer, Brett C.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/1/2014
1163655	Scenarios for Deep Carbon Emission Reductions from Electricity by 2050 in Western North America using the California Energy Resource Planning Model	Nelson, James; Mileva, Ana; Johnston, Josiah; Kammen, Daniel; Wei, Max; Greenblatt, Jeffrey	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/1/2014
1127145	Analysis of Open Automated Demand Response Deployments in California and Guidelines to Transition to Smart Energy Demand Response	Ghatikar, Girish; Riess, David; Piette, Mary Ann	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/2/2014
1127147	DEMAND CONTROLLED VENTILATION AND CLASSROOM VENTILATION	Fisk, William J.; Mendell, Mark J.; Davies, Molly; Eliseeva, Ekaterina; Faulkner, David; Hong, Rong	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/6/2014
1131033	Preliminary Simulation of the Corrosion Rate of Archaeological Glass	Steeffel, Carl	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/6/2014
1131034	Nano-Continuum Modeling of a Nuclear Glass Specimen Altered for 25 Years	Steeffel, Carl	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/6/2014
1163269	Healthy Zero Energy Buildings (HZEB) Program - Cross-Sectional Study of Contaminant Levels, Source, Strengths, and Mitigation Strategies	Chan, Wanyu R.; Sidheswaran, Meera; Cohn, Sebastian; Sullivan, Douglas P.; Fisk, William J.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	2/1/2014
1164281	Developing evidence-based prescriptive ventilation rate standards for commercial buildings in California: a review of research	Mendell, Mark J.; Fisk, William J.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	2/1/2014
1129577	A Meta-Analysis of Single-Family Deep Energy Retrofit Performance in the U.S.	Less, Brennan; Walker, Iain	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/1/2014
1131031	Effect of Fuel Wobbe Number on Pollutant Emissions from Advanced Technology Residential Water Heaters: Results of a Laboratory Study	Rapp, Vi H.; Singer, Brett C.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/1/2014
1134242	Direct Liquid Cooling for Electronic Equipment	Coles, Henry; Greenberg, Steve	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/1/2014
1163957	Houses are Dumb without Smart Ventilation	Walker, Iain; Sherman, Max; Less, Brennan	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/1/2014
1165374	Collaborative research to promote energy efficiency innovation towards significant reduction in buildings energy consumption	Rawal, Rajan; Vadodaria, Keyur; Galsar, Mona; Ghatikar, Girish; Singh, Reshma; Douglas, Diane	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/1/2014
1134243	High Energy Physics and Nuclear Physics Network Requirements	Dart, Eli; Bauerdick, Lothar; Bell, Greg; Ciuffo, Leandro; Dasu, Sridhara; Dattoria, Vince; De, Wladimir	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/2/2014
1129522	Strategies for Mitigating the Reduction in Economic Value of Variable Generation with Increasing Penetration Levels	Mills, Andrew; Wiser, Ryan	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/3/2014
1129521	Using Public Participation to Improve MELs Energy Data Collection	Cheung, Iris (Hoi Ying); Kloss, Margarita; Brown, Rich; Meier, Alan	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/11/2014
1129520	The Costs and Benefits of Compliance with Renewable Portfolio Standards: Reviewing Experience to Date	Heeter, Jenny; Barbose, Galen; Bird, Lori; Weaver, Samantha; Flores, Francisco; Kuskovskaya, Olga	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/12/2014
1129528	The Program Administrator Cost of Saved Energy for Utility Customer-Funded Energy Efficiency Programs	Billingsley, Megan A.; Hoffman, Ian M.; Stuart, Elizabeth; Schiller, Steven R.; Goldman, Charles	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/19/2014
1129523	Insights from Smart Meters: The Potential for Peak-Hour Savings from Behavior-Based Programs	Todd, Annika; Perry, Michael; Smith, Brian; Sullivan, Michael; Cappers, Peter; Goldman, Charles	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/25/2014
1129575	Estimates of Savings Achievable from Irrigation Controller	Williams, Alison; Fuchs, Heidi; Whitehead, Camilla Dunham	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	3/28/2014
1134231	Comparative Policy Study for Green Buildings in U.S. and China	Khanna, Nina; Romankiewicz, John; Feng, Wei; Zhou, Nan; Ye, Qing	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	4/1/2014
1129572	Measurement-Based Evaluation of Installed Filtration System Performance in Single-Family Homes	Chan, Wanyu Rengie; Singer, Brett C.	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	4/3/2014
1134230	An Analysis of the Costs, Benefits, and Implications of Different Approaches to Capturing the Value of Renewable Energy	Bolinger, Mark	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	4/9/2014
1136777	RESOURCES FOR OUTDOOR WATER USE DETERMINATION	Melody, Moya; Stratton, Hannah; Williams, Alison; Whitehead, Camilla Dunham	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	4/30/2014
1131028	Large Scale Computing and Storage Requirements for Fusion Energy Sciences: Target 2017	Gerber, Richard	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/2/2014
1163230	Hopper Workload Analysis	Austin, Brian; Butler, Tina; Gerber, Richard; Whitney, Cary; Wright, Nicholas; Yang, Woo-Gwang	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/2/2014
1131029	HPGMG 1.0: A Benchmark for Ranking High Performance Computing Systems	Adams, Mark; Brown, Jed; Shalf, John; Straalen, Brian Van; Strohmaier, Erich; Williams, Sam	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/5/2014
1164207	Radionuclide Air Emission Report for 2013	Wahl, Linnea	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/5/2014
1164211	Design Study of the High Luminosity LHC Recombination Dipole (D2)	Sabbi, GianLuca; Wang, Xiaorong	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/26/2014
1163865	Addressing the Challenges for Integrating Micro-Synchrotron Data with Operational System Applications	Kiliccotte, Sila; Shand, C. M.; McMorran, A.W.; Arghandeh, R.; Meier, A. von	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	5/29/2014

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1136775	Selling an Energy Efficiency Loan Portfolio in Oregon: Resale of the Craft3 loan portfolio to Self-Help Credit Union	Thompson, Peter; Borgeson, Merrian; Kramer, Chris; Zimring, Mark; Goldman, Charles	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	5/30/2014
1136774	Software Based Barriers To Integration Of Renewables To The Future Distribution Grid	Stewart, Emma; Kiliccote, Sila	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1163740	SCENARIOS FOR MEETING CALIFORNIA'S 2050 CLIMATE GOALS California's Carbon Challenge Phase II Volume I: Meeting California's Carbon Challenge	Wei, Max; Greenblatt, Jeffrey; Donovan, Sally; Nelson, James; Mileva, Ana; Johnston, Josiah;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1163745	Pollutant Exposures from Natural Gas Cooking Burners: A Simulation-Based Assessment for Southern California	Logue, Jennifer M.; Klepeis, Neil E.; Lobscheid, Agnes B.; Singer, Brett C.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1163746	Energy Impacts of Effective Range Hood Use for all U.S. Residential Cooking	Logue, Jennifer M; Singer, Brett	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1164206	Software-Based Challenges of Developing the Future Distribution Grid	Stewart, Emma; Kiliccote, Sila; McParland, Charles	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1165375	Air-Handling System Modeling in EnergyPlus: A Strategic Plan for Enhancements to Meet Stakeholder Needs	Lorenzetti, David M.; Wray, Craig P.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/1/2014
1136778	Empirical Analysis of the Variability of Wind Generation in India: Implications for Grid Integration	Phadke, Amol; Abhyankar, Nikit; Rao, Poorvi	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/17/2014
1136779	Avoiding 100 New Power Plants by Increasing Efficiency of Room Air Conditioners in India: Opportunities and	Phadke, Amol; Abhyankar, Nikit; Shah, Nihar	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/19/2014
1163271	A Total Cost of Ownership Model for Low Temperature PEM Fuel Cells in Combined Heat and Power and Backup Power Applications	University of California, Berkeley; Wei, Max; Lipman, Timothy; Mayyas, Ahmad; Chien, Yuhong; Song, Shuhong; Gosselin, David	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/23/2014
1136780	Model Evaluation of the Thermo-Hydrological Response in Argillaceous Sedimentary Rock Repository for Direct Storage of CO2	Zheng, Liange; Rutqvist, Jonny; Greenberg, Harris; Birkholzer, Jens	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/30/2014
1163654	Data Preparation Process for the Buildings Performance Database	Walter, Travis; Dunn, Laurel; Mercado, Andrea; Brown, Richard E.; Mathew, Paul	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/30/2014
1163738	Energy and Economic Impacts of U.S. Federal Energy and Water Conservation Standards Adopted From 1987	Meyers, Stephen; Williams, Alison; Chan, Peter	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/30/2014
1163739	REFRIGERATED BEVERAGE VENDING MACHINE OUTDOOR LOCATION AND ELEVATED (90 F) OUTDOOR TEMPERATURE ANALYSIS	Wei, Max; Greenblatt, Jeffery B.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	6/30/2014
1163656	Review of Existing Energy Retrofit Tools	Lee, Sang Hoon; Hong, Tianzhen; Piette, Mary Ann	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	7/1/2014
1165365	Using Micro-Synchrophasor Data for Advanced Distribution Grid Planning and Operations Analysis	Stewart, Emma; Kiliccote, Sila; McPharland, Charles; Roberts, Ciaran	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	7/1/2014
1136782	Network Bandwidth Utilization Forecast Model on High Bandwidth Network	Yoo, Wucherl; Sim, Alex	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	7/7/2014
1163743	Energy Efficiency Potential for Distribution Transformers in the APEC Economies	Letschert, Virginie; McNeil, Michael A.; Ke, Jing; Kalavase, Puneeth; Sampat, Mahesh	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	7/11/2014
1165986	User's Manual for the Hydrate v1.5 Option of TOUGH+ v1.5: A Code for the Simulation of System Behavior in Hydrate-Producing Wells	Moridis, G. J.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/1/2014
1165987	User's Manual for the RealGasBrine v1.0 Option of TOUGH+ v1.5: A Code for the Simulation of System Behavior in Gas-Producing Wells	Moridis, G. J.; Freeman, C. M.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/1/2014
1165988	User's Manual of the TOUGH+ Core Code v1.5: A General-Purpose Simulator of Non-Isenthalpic Flow and Transport through Porous Media	Moridis, G.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/1/2014
1163276	Rank-1 accelerated illumination recovery in scanning diffractive imaging by transparency estimation.	Wu, Hau-Tieng	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/7/2014
1149531	Generic Argillite/Shale Disposal Reference Case	Zheng, Liange; Colon, Carlos JovA@; Bianchi, Marco; Birkholzer, Jens	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/8/2014
1150012	Micro-Continuum Modeling of Nuclear Waste Glass Corrosion	Steeffel, Carl	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/12/2014
1150010	Investigation of Coupled THMC Processes and Reactive Transport: FY14 Progress	Rutqvist, Jonny; Davis, James; Zheng, Liange; Vilarrasa, Victor; Houseworth, James;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/14/2014
1150011	Modeling Coupled THMC Processes and Brine Migration in Salt at High Temperatures	Rutqvist, Jonny; Blanco Martin, Laura; Mukhopadhyay, Sumit; Houseworth, Jim;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/14/2014
1150013	Investigation of Coupled THMC Processes and Impact of High Temperature Limits in Argillite Rock	Zheng, Liange; Rutqvist, Jonny; Steeffel, Carl; Kim, Kunhwi; Chen, Fei; Vilarrasa, Victor;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/15/2014
1163270	2013 Wind Technologies Market Report	Wiser, Ryan; Bolinger, Mark; Barbose, Galen; Darghouth, Naim; Hoen, Ben; Mills, Andrew;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/15/2014
1163228	Tracking the Sun VII: An Historical Summary of the Installed Price of Photovoltaics in the United States from 1998 to 2013	Barbose, Galen; Weaver, Samantha; Darghouth, Naim	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/26/2014
1164321	Thermodynamic Studies to Support Actinide/Lanthanide Separations	Li, Xingliang	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/31/2014
1164324	Experimental Thermodynamic Studies for Efficient Extraction of Uranium from Seawater	Leggett, Christina	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	8/31/2014
1165369	Reduced-Order Models for Prediction of Groundwater Quality Impacts from CO2 and Brine Leakage - Application to the CO2 Storage Site	Bianchi, M.; Zheng, L.; Spycher, N.; Birkholzer, J.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/1/2014

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1156579	Inventory of Shale Formations in the US, Including Geologic, Geochemical, Hydrological, Mechanical, and	Dobson, Patrick; Houseworth, James	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/8/2014
1164280	Tracking the Sun VII: An Historical Summary of the Installed Price of Photovoltaics in the United States from 1998 to	Barbose, Galen; Weaver, Samantha; Darghouth, Naim	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/12/2014
1164163	Whole-Home Dehumidifiers: Field-Monitoring Study	Burke, Tom; Willem, Henry; Ni, Chun Chun; Stratton, Hannah; Whitehead, Camilla Dunham;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/23/2014
1158935	Modeling and Field Test Planning Activities in Support of Disposal of Heat-Generating Waste in Salt	Rutqvist, Jonny; Blanco Martin, Laura; Mukhopadhyay, Sumit; Houseworth, Jim;	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/26/2014
1159232	International Collaboration Activities in Different Geologic Disposal Environments	Birkholzer, Jens	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	9/26/2014
1163233	Thread-Level Parallelization and Optimization of NWChem for the Intel MIC Architecture	Shan, Hongzhang; Williams, Samuel; Jong, Wibe de; Oliker, Leonid	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	10/10/2014
1163956	The evolving price of household LED lamps: Recent trends and historical comparisons for the US market	Gerke, Brian F.; Ngo, Allison T.; Alstone, Andrea L.; Fisseha, Kibret S.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	10/14/2014
1163236	DOE High Performance Computing Operational Review (HPCOR): Enabling Data-Driven Scientific Discovery at HPC	Gerber, Richard; Allcock, William; Beggio, Chris; Campbell, Stuart; Cherry, Andrew; Cholia,	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	10/17/2014
1163229	Comparing Server Energy Use and Efficiency Using Small Sample Sizes	Coles, Henry C.; Qin, Yong; Price, Phillip N.	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	11/1/2014
1165372	Utility Sector Impacts of Reduced Electricity Demand	Coughlin, Katie	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	12/1/2014
1163143	Inflation Basics	Green, Dan [Fermilab]	TR	FNAL	Fermi National Accelerator Laborator	1/1/2014
1128848	Measurement of low pT D+ meson production cross section at CDF II	Marchese, Luigi	TR	FNAL	Fermi National Accelerator Laborator	1/1/2014
1156548	Search for New Physical Phenomena via Displaced Muon Signatures with the CMS Detector at the LHC	Solmaz, Melih	TR	FNAL	Fermi National Accelerator Laborator	1/1/2014
1128748	T-1042: Muon g-2 Straw Tracker	Rominsky, Mandy; Casey, Brendan; Welty-Rieger, Leah; Schellman, Heidi; Eads, Mike;	TR	FNAL	Fermi National Accelerator Laborator	1/13/2014
1156547	sPHENIX PreShower	Soha, Aria; et al.	TR	FNAL	Fermi National Accelerator Laborator	1/24/2014
1128756	Accelerator/Experiment Operations - FY 2013	Dixon, R.; et al.	TR	FNAL	Fermi National Accelerator Laborator	1/28/2014
1128798	Design and Testing of a Prototype Beam Absorber for the PXIE MEBT	Baffes, Curtis M.	TR	FNAL	Fermi National Accelerator Laborator	2/7/2014
1156502	First combination of Tevatron and LHC measurements of the top-quark mass	Not Available	TR	FNAL	Fermi National Accelerator Laborator	3/18/2014
1156546	CDRD High Rate Data Links Program	Soha, Aria; Rusack, Roger; Finkel, A.; Norbert, T.; Prosser, Alan; Gan, K.K.; Ye, Jingbo;	TR	FNAL	Fermi National Accelerator Laborator	3/20/2014
1128837	Calculation of the transverse kicks generated by the bends of a hollow electron lens	Stancari, Giulio	TR	FNAL	Fermi National Accelerator Laborator	3/25/2014
1156516	Measuring the Higgs Self-Coupling Constant at a Multi-TeV Muon Collider	Conway, Alexander; Wenzel, Hans; Lipton, Ronald; Eichten, Estia	TR	FNAL	Fermi National Accelerator Laborator	5/22/2014
1156517	Initial report from the ICFA Neutrino Panel	Cao, J.; et al.	TR	FNAL	Fermi National Accelerator Laborator	5/27/2014
1156532	Using L/E Oscillation Probability Distributions	Aguilar-Arevalo, A.A.; et al.	TR	FNAL	Fermi National Accelerator Laborator	7/11/2014
1149013	Initiating Event Rates at U.S. Nuclear Power Plants. 1988 - 2013	Schroeder, John A.; Bower, Gordon R.	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2014
1136314	Bio-Oil Separation and Stabilization by Supercritical Fluid Fractionation. 2014 Final Report	Agblevor, Foster [Utah State Univ., Logan, UT (United States)]; Petkovic, Lucia [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2014
1149019	DOE-NE Light Water Reactor Sustainability Program and EPRI Long-Term Operations Program. Joint Research and	Williams, Don	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2014
1122114	Technology Readiness Levels for Advanced Nuclear Fuels and Materials Development	Jon Carmack	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1122122	AGR-2 Data Qualification Report for ATR Cycle 154B	Binh Pham; Jeff Einerson	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1123850	Independent Review of AFC 2A, 2B, and 2E ATR Irradiation Tests	M. Cappiello; R. Hobbins; K. Penny; L. Walters	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1126731	Initial RattleSnake Calculations of the Hot Zero Power BEAVRS	M. Ellis; J. Ortensi; Y. Wang; K. Smith; R.C. Martineau	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1129108	Technology Deployment Annual Report 2013 December	N/A	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1129952	Pervasive Restart In MOOSE-based Applications	Derek Gaston; Cody Permann; David Andrs; John Peterson; Andrew Slaughter; Jason Miller	TR	INL	Idaho National Laboratory (INL)	1/1/2014



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1133890	Feedstock Supply System Design and Economics for Conversion of Lignocellulosic Biomass to Hydrocarbon	Kevin L. Kenney; Kara G. Cafferty; Jacob J. Jacobson; Ian J. Bonner; Garold L. Gresham; J.	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1149009	Modular High Temperature Gas-Cooled Reactor Safety Basis and Approach	David Petti; Jim Kinsey; Dave Alberstein	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1164843	Status Report on Efforts to Enhance Instrumentation to Support Advanced Test Reactor Irradiations	J. Rempe; D. Knudson; J. Daw; T. Unruh; B. Chase; R. Schley; J. Palmer; K. Condie	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1164845	Identification of process suitable diluent	Dean R. Peterman	TR	INL	Idaho National Laboratory (INL)	1/1/2014
1122119	Advanced Fuels Campaign Light Water Reactor Accident Tolerant Fuel Performance Metrics Executive Summary	Shannon Bragg-Sitton	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1123848	National Environmental Policy Act Hazards Assessment for the TREAT Alternative	Boyd D. Christensen; Annette L. Schafer	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1123849	Impacts Analyses Supporting the National Environmental Policy Act Environmental Assessment for the Resumption	Annette L. Schafer; LLOYD C. Brown; David C. Carathers; Boyd D. Christensen; James J. Dahl;	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1123851	Idaho National Laboratory Site Environmental Monitoring Plan	Jenifer Nordstrom	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129113	Advanced Fuels Campaign Light Water Reactor Accident Tolerant Fuel Performance Metrics	Brad Merrill; Melissa Teague; Robert Youngblood; Larry Ott; Kevin Robb; Michael	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129936	2013 Annual Wastewater Reuse Report for the Idaho National Laboratory Site's Central Facilities Area	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129937	2013 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Advanced Test Reactor	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129938	2013 Radiological Monitoring Results Associated with the Advanced Test Reactor Complex Cold Waste Pond	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129939	Radiological Monitoring Results for Groundwater Samples Associated with the Industrial Wastewater Reuse Permit for	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129940	2013 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Materials and Fuels	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1129951	AGR-3/4 Data Qualification Report for ATR Cycles 151A, 151B, 152A, 152B, 154A, and 154B	Binh T. Pham	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1134411	Observations from The EV Project in Q4 2013	John Smart	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1134412	C++ Implementation of IAPWS Water/Steam Properties	Ling Zou; Haihua Zhao; Hongbin Zhang; Qiyue Lu	TR	INL	Idaho National Laboratory (INL)	2/1/2014
1117731	HTR-PROTEUS PEBBLE BED EXPERIMENTAL PROGRAM CORE 4: RANDOM PACKING WITH A 1:1 MODERATOR-TO-FUEL PEBBLE RATIO	John D. Bess; Leland M. Montieth	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1120798	HTR-PROTEUS PEBBLE BED EXPERIMENTAL PROGRAM CORES 9 & 10: COLUMNAR HEXAGONAL POINT-ON-POINT	John D. Bess	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1120810	NEUTRON RADIOGRAPHY (NRAD) REACTOR 64-ELEMENT CORE UPGRADE	John D. Bess	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1124667	Light Water Reactor Sustainability Program Operator Performance Metrics for Control Room Modernization: A	Ronald Boring; Roger Lew; Thomas Ulrich; Jeffrey Joe	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1126746	Fresh-Core Reload of the Neutron Radiography (NRAD) Reactor with Uranium(20)-Erbium-Zirconium-Hydride Fuel	John D. Bess; Thomas L. Maddock; Margaret A. Marshall; Leland M. Montieth	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1126748	ORSPHERE: PHYSICS MEASUREMENTS FOR BARE, HEU(93.2)-METAL SPHERE	Margaret A. Marshall	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1129106	Idaho National Laboratory Annual Report FY 2013 LDRD Project Summaries	Dena Tomchak	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1129109	NGNP Program 2013 Status and Path Forward	Hans Gougar	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1129110	CRITICAL CONFIGURATION AND PHYSICS MEASUREMENTS FOR BERYLLIUM REFLECTED ASSEMBLIES OF U(93.15)O2	Margaret A. Marshall	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1129111	ATAC Process Proof of Concept Final Report	Bri Rolston; Sarah Freeman	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1129112	Assessment of Opportunities for New United States Pumped Storage Hydroelectric Plants Using Existing Water	Douglas Hall; Randy Lee	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133859	Idaho National Laboratory's FY13 Greenhouse Gas Report	Kimberly Frerichs	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133862	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for the National Park Service:	Stephen Schey; Jim Francfort	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133863	Where do Nissan Leaf drivers in The EV Project charge when they have the opportunity to charge at work?	John Smart; Don Scoffield	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133864	Where do Chevrolet Volt drivers in The EV Project charge when they have the opportunity to charge at work?	John Smart; Don Scoffield	TR	INL	Idaho National Laboratory (INL)	3/1/2014

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1133865	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for the National Park Service: Fort	Stephen Schey; Jim Francfort	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133867	ReACT Methodology Proof of Concept Final Report	Bri Rolston; Sarah Freeman	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1134413	RELAP5-3D Developer Guidelines and Programming Practices	Dr. George L Mesina	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1134414	NEAMS SOFTWARE V&V PLAN FOR THE MARMOT SOFTWARE	Michael R Tonks	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1134841	Progress Report on Alloy 617 Isochronous Stress-Strain Curves	Jill K. Wright; Richard N. Wright; Nancy J. Lybeck	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1134842	Mechanical contact by constraints and split-based preconditioning	Dmitry Karpeyev; Derek Gaston; Jason Hales; Steven Novascone	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1149005	Work Domain Analysis of a Predecessor Sodium-cooled Reactor as Baseline for AdvSMR Operational Concepts	Ronald Farris; David Gertman; Jacques Hugo	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1164846	Parametric Thermal Models of the Transient Reactor Test Facility (TREAT)	Bradley K. Heath	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1164848	An Analysis of Methanol and Hydrogen Production via High-Temperature Electrolysis Using the Sodium Cooled	Shannon M. Bragg-Sitton; Richard D. Boardman; Robert S. Cherry; Wesley R. Deason;	TR	INL	Idaho National Laboratory (INL)	3/1/2014
1133866	Graphite Gamma Scan Results	Mark W. Drigert	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1134843	Light Water Reactor Sustainability Program BWR High-Fluence Material Project: Assessment of the Role of High-	Sebastien Teyseyre	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1149015	Verification and Validation Strategy for Implementation of Hybrid Potts-Phase Field Hydride Modeling Capability in	Jason D. Hales; Veena Tikare	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1149017	Advanced Small Modular Reactor (SMR) Probabilistic Risk Assessment (PRA) Demonstration	Curtis Smith; Steven Prescott; Tony Koonce	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1149018	SAPHIRE 8 Web Based Application Specification Plan to Implement a Web Based Implementation of SAPHIRE	James K Knudsen; Steven Prescott; Curtis Smith; Ted Wood	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1149020	Energy Frontier Research Center Center for Materials Science of Nuclear Fuels	Todd Allen	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1149021	Nuclear Fuels & Materials Spotlight Volume 4	I. J. van Rooyen;; T. M. Lillo; Y. Q. WU; P.A. Demkowicz; L. Scott; D.M. Scates; E. L. Reber; J.	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1164841	Continuing the Validation of CCIM Processability for Glass Ceramic HLLW Forms: Plan for Test AFY14CCIM-GC1	Vince Maio	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1164849	FY14-Q1 1.2.1.3.ML.1 INL Biomass Feeding Survey Report	Tyler L. Westover	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1164851	OSPREY Model Development Status Update	Veronica J Rutledge	TR	INL	Idaho National Laboratory (INL)	4/1/2014
1133868	TMI-2 - A Case Study for PWR Instrumentation Performance during a Severe Accident	Joy L. Rempe; Darrell L. Knudson	TR	INL	Idaho National Laboratory (INL)	5/1/2014
1134840	Baseline Concept Description of a Small Modular High Temperature Reactor	Hans Gougar	TR	INL	Idaho National Laboratory (INL)	5/1/2014
1149024	Lagoon Seepage Testing Procedures for Central Facilities Area (CFA) Sewage Lagoons at Idaho National Laboratory	Alan Giesbrecht	TR	INL	Idaho National Laboratory (INL)	5/1/2014
1164855	AGC-2 Disassembly Report	William Windes	TR	INL	Idaho National Laboratory (INL)	5/1/2014
1164857	How many electric miles do Nissan Leafs and Chevrolet Volts in The EV Project travel?	John Smart	TR	INL	Idaho National Laboratory (INL)	5/1/2014
1134415	DUAL-MODE PROPULSION SYSTEM ENABLING CUBESAT EXPLORATION OF THE SOLAR SYSTEM NASA Innovative	Nathan Jerred; Troy Howe; Adarsh Rajguru; Dr. Steven Howe	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1134844	Toxic Substances Control Act (TSCA) Polychlorinated Biphenyl (PCB)/Radioactive Waste Annual Inventory for	no author on report	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1136313	Idaho National Laboratory PCB Annual Document Log and Annual Records Report for Calendar Year 2013	no name on report	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1149003	Remote-Handled Low-Level Waste Disposal Project Code of Record	S.L. Austad, P.E.; L.E. Guillen, P.E.; C. W. McKnight, P.E.; D. S. Ferguson, P.E.	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1149023	2013 Idaho National Laboratory Water Use Report and Comprehensive Well Inventory (Revision 22)	Mike Lewis	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1149027	RELAP-7 Numerical Stabilization: Entropy Viscosity Method	R. A. Berry; M. O. Delchini; J. Ragusa	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1164850	Initial Back-to-Back Fission Chamber Testing in ATRC	Benjamin Chase; Troy Unruh; Joy Rempe	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1164854	NS&T Managment Observations - 1st Quarter	David Gianotto	TR	INL	Idaho National Laboratory (INL)	6/1/2014

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1164858	Idaho National Laboratory Quarterly Performance Analysis - 2nd Quarter FY2014	Lisbeth A. Mitchell	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1164859	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for the United States Forest Service:	Stephen Schey; Jim Francfort; Ian Nienhueser	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1164860	Workplace Charging Case Study: Charging Station Utilization at a Work Site with AC Level 1, AC Level 2, and	John Smart; Don Scoffield	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1164862	Experiment Design and Analysis Guide - Neutronics & Physics	Misti A Lillo	TR	INL	Idaho National Laboratory (INL)	6/1/2014
1149007	BISON Software V&V Plan	R. L. Williamson; J. D. Hales; D. M. Perez; S. R. Novascone; G. Pastore	TR	INL	Idaho National Laboratory (INL)	7/1/2014
1164863	Oxidation Resistant Graphite Studies	W. Windes; R. Smith	TR	INL	Idaho National Laboratory (INL)	7/1/2014
1164864	Data Analysis and Reporting of the 150 Chevrolet Volt ARRA Demonstration Fleet	Richard "Barney" Carlson	TR	INL	Idaho National Laboratory (INL)	7/1/2014
1164865	Effects of Levels of Automation for Advanced Small Modular Reactors: Impacts on Performance, Workload, and	Johanna Oxstrand; Katya Le Blanc	TR	INL	Idaho National Laboratory (INL)	7/1/2014
1166052	Neutronics and Fuel Performance Evaluation of Accident Tolerant Fuel under Normal Operation Conditions	Xu Wu; Piyush Sabharwall; Jason Hales	TR	INL	Idaho National Laboratory (INL)	7/1/2014
1164847	Hydrogen Fueling Station in Honolulu, Hawaii Feasibility Analysis	Porter Hill; Michael Penev	TR	INL	Idaho National Laboratory (INL)	8/1/2014
1166040	Creep of A508/533 Pressure Vessel Steel	Richard Wright	TR	INL	Idaho National Laboratory (INL)	8/1/2014
1166049	Implementation of a Bayesian Engine for Uncertainty Analysis	Leng Vang; Curtis Smith; Steven Prescott	TR	INL	Idaho National Laboratory (INL)	8/1/2014
1166053	A Framework for Human Performance Criteria for Advanced Reactor Operational Concepts	Jacques V Hugo; David I Gertman; Jeffrey C Joe	TR	INL	Idaho National Laboratory (INL)	8/1/2014
1166055	Memory Optimization for Phase-field Simulations	Derek Gaston; John Peterson; Andrew Slaughter; Cody Permann; David Andrs	TR	INL	Idaho National Laboratory (INL)	8/1/2014
1164852	Comparison of fission product release predictions using PARFUME with results from the AGR-1 irradiation	Blaise Collin	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1164853	Comparison of fission product release predictions using PARFUME with results from the AGR-1 safety tests	Blaise Collin	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1164856	2011 Hyundai Sonata 3539 - Hybrid Electric Vehicle Battery Test Results	Matthew Shirk; Tyler Gray; Jeffrey Wishart	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1164861	2011 Honda CR-Z 4466 - Hybrid Electric Vehicle Battery Test Results	Tyler Gray; Matthew Shirk; Jeffrey Wishart	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1164866	Idaho National Laboratory Quarterly Performance Analysis - 3rd Quarter FY2014	Lisbeth A. Mitchell	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1165519	Accident Tolerant Fuel Analysis	Curtis Smith; Heather Chichester; Jesse Johns; Melissa Teague; Michael Tonks; Robert	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166037	NEET In-Pile Ultrasonic Sensor Enablement-Final Report	J. Daw; J. Rempe; J. Palmer; P. Ramuhalli; R. Montgomery; H.T. Chien; B. Tittmann; B.	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166044	Prototype Development Capabilities of 3D Spatial Interactions and Failures During Scenario Simulation	Steven Prescott; Ramprasad Sampath; Curtis Smith; Tony Koonce	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166047	EFRC CMSNF Major Accomplishments	D. Hurlley; Todd R. Allen	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166050	Agricultural Industry Advanced Vehicle Technology: Benchmark Study for Reduction in Petroleum Use	Roger Hoy	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166051	Digital Actuator Technology	Ken Thomas; Ted Quinn; Jerry Mauck; Richard Bockhorst	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166054	Diagnostic and Prognostic Models for Generator Step-Up Transformers	Vivek Agarwal; Nancy J. Lybeck; Binh T. Pham	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1166057	Waste Isolation Pilot Plant Salt Decontamination Testing	Rick Demmer; Stephen Reese	TR	INL	Idaho National Laboratory (INL)	9/1/2014
1164844	Causal Analysis of the Inadvertent Contact with an Uncontrolled Electrical Hazardous Energy Source (120 Volts)	David E. James; Dennis E. Raunig; Sean S. Cunningham	TR	INL	Idaho National Laboratory (INL)	10/1/2014
1166046	Climate Change Vulnerability Assessment for Idaho National Laboratory	Christopher P. Ischay; Ernest L. Fossum; Polly C. Buotte; Jeffrey A. Hicke; Alexander Peterson	TR	INL	Idaho National Laboratory (INL)	10/1/2014
1166056	EISA 432 Energy Audits Best Practices: Software Tools	Maryl Fisher	TR	INL	Idaho National Laboratory (INL)	11/1/2014
1116752	Preliminary Scaling and controls Analysis of an FHR-HTSE System Idaho National Laboratory Summer 2013 Final	Shannon Bragg-Sitton; Piyush Sabharwall; Rohit Upadhy	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2014
1149028	National Emission Standards for Hazardous Air Pollutants. Calendar Year 2013 INL Report for Radionuclides [2014]	Verdoorn, Mark; Haney, Tom	TR	INL	Idaho National Laboratory (INL), Idah	6/1/2014

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1166048	3D Modeling Engine Representation Summary Report	Steven Prescott; Ramprasad Sampath; Curtis Smith; Timothy Yang	TR	INL	Idaho National Laboratory (INL), Idaho	9/1/2014
1166045	AGC-3 Experiment Irradiation Monitoring Data Qualification Final Report	Laurence Hull	TR	INL	Idaho National Laboratory (INL), Idaho	10/1/2014
1159690	FY2014 Parameters for Gold Ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States). Collider-Accelerator	TR	BNL	L; Brookhaven National Laboratory (BNL)	7/30/2014
1149046	A VISUAL DESCRIPTION OF THE CONCRETE EXTERIOR OF THE CACTUS CRATER CONTAINMENT STRUCTURE	Hamilton, T F	TR	LLNL	Lawrence Livermore National Laboratory	1/1/2014
1116944	B341 Seismic Evaluation	Halle, J	TR	LLNL	Lawrence Livermore National Laboratory	1/2/2014
1116976	An Easy Method To Accelerate An Iterative Algebraic Equation Solver	Yao, J	TR	LLNL	Lawrence Livermore National Laboratory	1/6/2014
1116892	SC web highlight	Perez, F; Kemp, A; Divol, L; Chen, C; Patel, P K	TR	LLNL	Lawrence Livermore National Laboratory	1/7/2014
1116971	pF3D Proposals	Langer, S	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2014
1116973	Mesoscale Modeling Framework Design: Subcontract Report	Chen, L Q; Tang, M; Heo, T W; Wood, B C	TR	LLNL	Lawrence Livermore National Laboratory	1/9/2014
1116974	Performance Characteristics of HYDRA - a Multi-Physics simulation code from Lawrence Livermore National Laboratory	Langer, S H; Karlin, I; Marinak, M M	TR	LLNL	Lawrence Livermore National Laboratory	1/9/2014
1119955	HPC4Energy Wrapup Report - LDRD 12-ERD-074	Dube, E	TR	LLNL	Lawrence Livermore National Laboratory	1/10/2014
1116970	Final Report: Water-Based Neutron Detector Technology for Material Characterization Well Counters	Dazeley, S; Asghari, A; Bernstein, A; Bowden, N; Mozin, V	TR	LLNL	Lawrence Livermore National Laboratory	1/13/2014
1119949	KONGMING: Performance Prediction in the Cloud via Multidimensional Interference Surrogates	Bowen, Z; Bronevetsky, G; Casas-Guix, M; Bagchi, S	TR	LLNL	Lawrence Livermore National Laboratory	1/15/2014
1124874	Analysis of a Uranium Oxide Sample Interdicted in Slovakia (FSC 12-3-1)	Borg, L E; Dai, Z; Eppich, G R; Gaffney, A M; Genetti, V G ; Grant, P M ; Gray, L W ; Holiday, K	TR	LLNL	Lawrence Livermore National Laboratory	1/17/2014
1119914	Noble Gas Concept Of Operation	Carrigan, C R	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2014
1119954	Meeting Report: User Workshop on High-Power Lasers at the Linac Coherent Light Source	Hau-Riege, S	TR	LLNL	Lawrence Livermore National Laboratory	1/21/2014
1119957	Final report on NA22 Project: A Comprehensive Capability to Use Prompt Fission Signatures to Detect SNM	Vogt, R	TR	LLNL	Lawrence Livermore National Laboratory	1/21/2014
1119911	LDRD HPC4Energy Wrapup Report - LDRD 12-ERD-074	Dube, E; Grosh, J	TR	LLNL	Lawrence Livermore National Laboratory	1/23/2014
1122205	Rapid Debris Analysis Project Task 3 Final Report - Sensitivity of Fallout to Source Parameters, Near-Field	Goldstein, P	TR	LLNL	Lawrence Livermore National Laboratory	1/24/2014
1133107	Trip Report for ISA MicroCT Installation, Site Acceptance Testing and Training	Brown, W D; Pincus, C I	TR	LLNL	Lawrence Livermore National Laboratory	1/24/2014
1122195	EP-DRAFT-1.1 2014-01-19 OSI-GAM-SOP-00x In Situ High-resolution Gamma Spectroscopy	Wimer, N G; Kreek, S A	TR	LLNL	Lawrence Livermore National Laboratory	1/27/2014
1132008	Science and Technology Review March 2014	Simon, A J	TR	LLNL	Lawrence Livermore National Laboratory	1/27/2014
1122230	National Ignition Facility, High-Energy-Density and Inertial Confinement Fusion, Peer-Review Panel (PRP) Final Report	Keane, C J	TR	LLNL	Lawrence Livermore National Laboratory	1/28/2014
1119913	Summary and Preliminary Interpretation of Tritium and Dissolved Noble Gas Data from Site 300	Visser, A; Singleton, M; Madrid, V; Esser, B	TR	LLNL	Lawrence Livermore National Laboratory	1/29/2014
1119920	A flexible method to calculate the distributions of discretization errors in operator-split codes with stochastic	Chen, X; Connors, J M; Tong, C H	TR	LLNL	Lawrence Livermore National Laboratory	1/29/2014
1124863	NIF Operations Management Plan, August 2011	Van Wonerghem, B M	TR	LLNL	Lawrence Livermore National Laboratory	1/30/2014
1124877	NIF Maintenance Plan March 2011	Van Wonerghem, B M	TR	LLNL	Lawrence Livermore National Laboratory	1/30/2014
1129152	NIF Shot Operations Plan, February 2011	Van Wonerghem, B M	TR	LLNL	Lawrence Livermore National Laboratory	1/30/2014
1124890	Experimental Report: ORNL Proposal ID IPTS 8937	Mirmelstein, A	TR	LLNL	Lawrence Livermore National Laboratory	2/3/2014
1121417	PRP Review of shots beyond FY14 Q1/Q2 Report	Rosen, M D	TR	LLNL	Lawrence Livermore National Laboratory	2/6/2014
1129148	Application of Active Seismic and Electrical Methods to Detect and Characterize Subsurface Effects of an	Sweeney, J J; Mellors, R J	TR	LLNL	Lawrence Livermore National Laboratory	2/6/2014
1149042	Applied Mathematics Research for Exascale Computing	Dongarra, J; Hittinger, J; Bell, J; Chacon, L; Falgout, R ; Heroux, M ; Hovland, P ; Ng, E ;	TR	LLNL	Lawrence Livermore National Laboratory	2/7/2014

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1122197	Complementarity of LSST and WFIRST: Regarding Object Blending	Dawson, W A; Schneider, M D	TR	LLNL	Lawrence Livermore National Laborat	2/11/2014
1124896	Rapid, autonomous analysis of HPGe gamma-ray spectra II: Uranium identification and characterization	Gosnell, T B; Wong, J L	TR	LLNL	Lawrence Livermore National Laborat	2/11/2014
1124897	Rapid, autonomous analysis of HPGe gamma-ray spectra III: Plutonium identification and characterization	Gosnell, T B; Wong, J L	TR	LLNL	Lawrence Livermore National Laborat	2/11/2014
1124899	Internship Exit Presentation	Hutchinson, B C	TR	LLNL	Lawrence Livermore National Laborat	2/18/2014
1129144	NAS Executive Summary - Spring 2014	Jackson, K	TR	LLNL	Lawrence Livermore National Laborat	2/19/2014
1149044	Extraction of Butyrylcholinesterase (BuChE) and Organophosphorus Nerve Agent (OPNA)-BChE Adducts	Udey, R N; Corzett, T H; Williams, A M	TR	LLNL	Lawrence Livermore National Laborat	2/19/2014
1124844	Simple Construction of High Order Rational Iterative Equation Solvers	Yao, J	TR	LLNL	Lawrence Livermore National Laborat	2/20/2014
1124889	TORUS Annual Continuation and Progress Report	Arbanas, G; Elster, C; Echer, J; Nunes, F; Thompson, I	TR	LLNL	Lawrence Livermore National Laborat	2/24/2014
1132033	Evaluation of Robust Unit Commitment using High Performance Computing	Zhao, J; Litvinov, E; Zheng, T; Rajan, D; Bulaevskaya, V ; Lamont, A ; Min, L	TR	LLNL	Lawrence Livermore National Laborat	2/24/2014
1124882	HPC4Energy Final Report : GE Energy	Smith, S G; Van Zandt, D T; Thomas, B; Mahmood, S; Woodward, C S	TR	LLNL	Lawrence Livermore National Laborat	2/25/2014
1129138	A High Performance Computing Scheduling and Resource Management Primer	Ahn, D H; Garlick, J E; Grondona, M A; Lipari, D A; Springmeyer, R R	TR	LLNL	Lawrence Livermore National Laborat	2/25/2014
1124849	Analysis of 2013 Meteorological Data from the Knolls Atomic Power Laboratory and Kesselring Site Operations	Aluzzi, F J	TR	LLNL	Lawrence Livermore National Laborat	2/26/2014
1124854	Analysis of Composition B Sphere Impact Fragmentation Experiments	Springer, H K	TR	LLNL	Lawrence Livermore National Laborat	2/26/2014
1124859	Rapid, autonomous analysis of He spectra I: Overview of the RadID program, user experience, and structure	Gosnell, T B; Chavez, J R; Rowland, M S; Wong, J L	TR	LLNL	Lawrence Livermore National Laborat	2/26/2014
1124876	Gas Gun Safety Calculations	Chiao, P	TR	LLNL	Lawrence Livermore National Laborat	2/27/2014
1124871	Solving The Long-Standing Problem Of Nuclear Reactions At The Highest Microscopic Level: Annual Continuation And	Quagliioni, S	TR	LLNL	Lawrence Livermore National Laborat	3/5/2014
1124865	THERMODYNAMIC DATABASE DEVELOPMENT: AL-AM-GA-PU-U	Perron, A; Turchi, P A; Landa, A; Soderlind, P	TR	LLNL	Lawrence Livermore National Laborat	3/6/2014
1124894	Final Report - Improving Data for Short Lived Actinides	Burke, J T; Wu, C Y	TR	LLNL	Lawrence Livermore National Laborat	3/6/2014
1129137	Detecting and Testing for Structural Error in Computer Models with Application to the Community Atmospheric	Johannesson, G; Lucas, D D	TR	LLNL	Lawrence Livermore National Laborat	3/10/2014
1130001	Science and Technology Review April/May 2014	Burton, G C	TR	LLNL	Lawrence Livermore National Laborat	3/11/2014
1129979	Plan for the Purchase of MCT and EDS Reference Materials, Source Filters, Cu Strips, and Carousel Sub-Assemblies	Smith, J A; Brown, W D; Roberson, G P; Martz, H E; Klueg, R	TR	LLNL	Lawrence Livermore National Laborat	3/14/2014
1124853	LLNL Final Design for PDV Measurements of Godiva for Validation of Multi-Physics Simulation	Heinrichs, D; Scorby, J; Bandong, B; Beller, T; Burch, J ; Goda, J ; Halvorson, C ; Hickman, D ;	TR	LLNL	Lawrence Livermore National Laborat	3/18/2014
1129134	Advanced Simulation and Computing Fiscal Year 2014 Program Notebook for Computational Systems and	McCoy, M; Archer, B; Matzen, M; Hoang, T	TR	LLNL	Lawrence Livermore National Laborat	3/24/2014
1129146	Prioritization Study of Elements Relevant to RIMS Counter-WMD	Knight, K B; Isselhardt, B H; Smith, C; Kearney, B; Lau, S	TR	LLNL	Lawrence Livermore National Laborat	3/24/2014
1132023	Lawrence Livermore National Laboratory, Laboratory Directed Research and Development Annual Report FY2013	Al-Ayat, R; Gard, E; Sketchley, J	TR	LLNL	Lawrence Livermore National Laborat	3/24/2014
1162248	Xenon Tracer Test at Woodland Aquifer Storage and Recovery Well	Visser, A; Singleton, M; Esser, B	TR	LLNL	Lawrence Livermore National Laborat	3/24/2014
1129145	The Need for a Life Cycle Assessment of Drone-Based Commercial Package Delivery	Stolaroff, J K	TR	LLNL	Lawrence Livermore National Laborat	3/25/2014
1130017	Applying QMU to Nuclear Weapon Stewardship	Raboin, P J	TR	LLNL	Lawrence Livermore National Laborat	3/25/2014
1129131	Comment on T. Tokano, 2013: "Wind-induced Equatorial Bulge in Venus and Titan General Circulation Models: Implications for the Simulation of Superrotation"	Covey, C	TR	LLNL	Lawrence Livermore National Laborat	3/26/2014
1129143	NIH Research progress progress report	Bench, G	TR	LLNL	Lawrence Livermore National Laborat	3/27/2014
1136178	A Lapping Technique for Metallic, Alpha-Phase, Plutonium: Achieving and Measuring Nano-Meter Roughness and Sub-	Wall, M A; Blobaum, K J	TR	LLNL	Lawrence Livermore National Laborat	3/31/2014
1129157	CMI REPORT ON PROJECT 2.3.2 ACTIVITIES: 09/2013 TO 03/2014	Turchi, P A; Soderlind, P; Landa, A I; Lordi, V	TR	LLNL	Lawrence Livermore National Laborat	4/2/2014

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1133109	Summary Statistics for TA_LH02_130814: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/2/2014
1149051	LLNL Preliminary Design for the BeRP Ball with Composite Polyethylene and Nickel Reflection	Percher, C M; Kim, S K	TR	LLNL	Lawrence Livermore National Laborat	4/2/2014
1129140	Solid Radiochemistry Nuclear Diagnostic Results from Exploding Pusher Shot (N130503-002) at the National	Gharibyan, N; Moody, K J; Grant, P M; Shaughnessy, D A	TR	LLNL	Lawrence Livermore National Laborat	4/7/2014
1133108	Summary Statistics for TA_LH03_130815: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133926	Summary Statistics for TA_LT04_130724: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133927	Summary Statistics for TA_LT02_130722: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133928	Summary Statistics for TA_LT03_130723: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133929	Summary Statistics for TA_LH04_130822: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133930	Summary Statistics for TA_LP03_130703: Micro-CT Data Acquired at LLNL, Specimen 3 of 4	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133931	Summary Statistics for TA_LP04_130708: Micro-CT Data Acquired at LLNL, Specimen 4 of 4	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133932	Summary Statistics for TA_LP01_130624: Micro-CT Data Acquired at LLNL, Specimen 1 of 4	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1133933	Summary Statistics for TA_LP02_130702: Micro-CT Data Acquired at LLNL, Specimen 2 of 4	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/8/2014
1129989	The high-foot implosion campaign on the National Ignition Facility	Hurricane, O A	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136143	Summary Statistics for TA_ST02_130801: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136148	Summary Statistics for TA_MP02_130619: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136149	Summary Statistics for TA_MP03_130620: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136152	Summary Statistics for TA_MH03_130828: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136153	Summary Statistics for TA_MP01_130618: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136154	Summary Statistics for TA_MH01_130826: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136156	Summary Statistics for TA_MH02_130827: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136157	Summary Statistics for TA_MC03_130806: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136158	Summary Statistics for TA_MC02_130701: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136159	Summary Statistics for TA_ST01_130731: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136160	Summary Statistics for TA_SH02_130820: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136161	Summary Statistics for TA_SH03_130821: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136163	Summary Statistics for TA_MT03_130730: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136164	Summary Statistics for TA_SH01_130819: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136165	Summary Statistics for TA_MT01_130725: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136166	Summary Statistics for TA_MT02_130729: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1136168	Summary Statistics for TA_MC01_130627: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	4/9/2014
1132035	Fusion Fuel Target Fabrication System Study	Miles, R R	TR	LLNL	Lawrence Livermore National Laborat	4/11/2014
1129991	Beryllium Dynamic Strength Measurements: Report on Task 1 Agreement #B590737	Igonin, V V	TR	LLNL	Lawrence Livermore National Laborat	4/14/2014

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1129993	Beryllium Dynamic Strength Measurements: Report on Task 3 Agreement #B590737	Igonin, V V	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2014
1129995	Beryllium Dynamic Strength Measurements: Report on Task 2 Agreement #B590737	Igonin, V V	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2014
1130012	Connecting Performance Analysis and Visualization to Advance Extreme Scale Computing	Bremer, P; Mohr, B; Pascucci, V; Schulz, M	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2014
1132011	Electron Beam Welding and Characterization of 21-6-9 Stainless Steel Annealed Plate and Welds	Elmer, J W; Ellsworth, G F; Florando, J N; Hiromoto, D S; Evans, C L; Golosker, I V	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2014
1149056	EXECUTIVE SUMMARY: A VISUAL DESCRIPTION OF THE CONCRETE EXTERIOR OF THE CACTUS CRATER	Hamilton, T F	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2014
1130042	Remote Attenuation System Target Diagnostics National Ignition Facility Lawrence Livermore National Laboratory	Clancy, T	TR	LLNL	Lawrence Livermore National Laboratory	4/17/2014
1130045	Requirements Document for the Redesign of the DIM-based Diagnostics Transport and Handling System at the National Ignition Facility	Palma, B; Plummer, R	TR	LLNL	Lawrence Livermore National Laboratory	4/17/2014
1136133	Metal Artifact Reduction for CT-based Luggage Screening	Karimi, S; Cosman, P	TR	LLNL	Lawrence Livermore National Laboratory	4/21/2014
1149558	Summary Statistics for TA_ST03_130805: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/21/2014
1130556	Polymorphic Peptide Hair Project	Parker, G J; Anex, D S; Leppert, M F; Baird, L; Matsunami, N; Leppert, T	TR	LLNL	Lawrence Livermore National Laboratory	4/22/2014
1130557	DHS-Postdoc - FY13 - Mid- and year-end report - Brennecke	Brennecke, G A	TR	LLNL	Lawrence Livermore National Laboratory	4/22/2014
1130035	THERMODYNAMIC ASSESSMENT OF THE TERNARY ALLOY SYSTEM LI-SN-ZN	Turchi, P E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1132019	SOP for Generation of Regions of Responsibility Using Dual-Energy CT	Kallman, J	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1133934	Deposition Velocity Methods For DOE Site Safety Analyses	Sugiyama, G; Gowardhan, A; Simpson, M; Nasstrom, J	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136135	Summary Statistics for LC_HT03_130813: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136140	Summary Statistics for LC_TA03_130719: Micro-CT Data Acquired at LLNL, Specimen 3 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136170	Summary Statistics for LC_HT02_130812: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136171	Summary Statistics for LC_HT01_130808: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136173	Summary Statistics for LC_TA02_130710: Micro-CT Data Acquired at LLNL, Specimen 2 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136176	SOP for Multiple Formulations and Preparations Regions of Responsibility Derived Using Dual-Energy CT	Kallman, J	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1144758	Summary Statistics for LC_TA01_130709: Micro-CT Data Acquired at LLNL, Specimen 1 of 3	Seetho, I M; Morales, K E; White, W T; Martz, H E	TR	LLNL	Lawrence Livermore National Laboratory	4/23/2014
1136137	Laser Safety Gram 0035 Advanced Radiographic Capabilities	King, J J	TR	LLNL	Lawrence Livermore National Laboratory	4/24/2014
1132024	A Quick Overview of the Extended Feynman Project	Nakae, L F	TR	LLNL	Lawrence Livermore National Laboratory	4/28/2014
1132021	Performance Analysis: Issues Tracking System Data through June 2013	Kerr, C; McTyer, N; Holman, G; De Grange, C	TR	LLNL	Lawrence Livermore National Laboratory	4/29/2014
1149563	Functional Bounding Content Envelope for Gamma and Neutron Emitting Isotopes in the Model 9977 Packaging	Sitaraman, S; Kim, S S; Anderson, B L	TR	LLNL	Lawrence Livermore National Laboratory	4/30/2014
1162236	California GAMA Special Study: Geostatistical analysis of groundwater age and other noble gas derived parameters	Visser, A; Moran, J E; Singleton, M J; Esser, B K	TR	LLNL	Lawrence Livermore National Laboratory	5/5/2014
1132015	Carbon nanotube sizing and quantification	Belliveau, A; Tunuguntla, R; Noy, A	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2014
1162250	Estimating the Impact of Advanced Architectures on ASC Multiphysics Codes in the Absence of an Exascale Initiative	Still, C H; Clouse, C J; McCoy, M G; Neely, J R; Pudliner, B S; Rathkopf, J A; Zika, M R	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2014
1132003	Detecting Humanity's Imprint on Rainfall Patterns: An S&TR Preprint	Hansen, R; Marvel, K D; Bonfils, C W	TR	LLNL	Lawrence Livermore National Laboratory	5/7/2014
1132014	Characterization of starting minerals to be used in kinetic experiments	Carroll, S; Smith, M; Marks, N; Dai, Z	TR	LLNL	Lawrence Livermore National Laboratory	5/7/2014
1132027	Review of Graph Databases for Big Data Dynamic Entity Scoring	Labute, M X; Dombroski, M J	TR	LLNL	Lawrence Livermore National Laboratory	5/14/2014
1136151	Fast Switches Formed by a Low Temperature Direct Ink Writing Process	Tringe, J W; Zhu, C; May, C M; Levie, H W; Duoss, E B; King, D M; Weimer, A W	TR	LLNL	Lawrence Livermore National Laboratory	5/15/2014

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1136147	Standard Diagnostics for the Diurnal Cycle	Covey, C; Gleckler, P	TR	LLNL	Lawrence Livermore National Laborat	5/20/2014
1144770	Notes on Light Ion Continuous Slowing Down in HYDRA	Sepke, S M	TR	LLNL	Lawrence Livermore National Laborat	5/23/2014
1165760	Lawrence Livermore National Laboratory, Site 300 Hydrodynamic Test Facilities Historic District (Buildings 850	Ullrich, R A	TR	LLNL	Lawrence Livermore National Laborat	5/27/2014
1144762	DYNA3D: Shell Element Hourglass Constitutive Models	Zywicz, E	TR	LLNL	Lawrence Livermore National Laborat	5/29/2014
1144754	Implementation of mechanical model for shale	Attia, A V; Vorobiev, O Y; Walsh, S D	TR	LLNL	Lawrence Livermore National Laborat	5/30/2014
1149541	Integrated Detection of Pathogens and Host Biomarkers for Wounds	Jaing, C	TR	LLNL	Lawrence Livermore National Laborat	5/30/2014
1162262	Level 2 Milestone 4795: CTS-1 Market Survey Completed	Leininger, M	TR	LLNL	Lawrence Livermore National Laborat	6/2/2014
1149540	LIP: The Livermore Interpolation Package, Version 1.5	Fritsch, F N	TR	LLNL	Lawrence Livermore National Laborat	6/4/2014
1149554	Summary of EXAFS results on Cd-doped PuRhIn5	Booth, C H; Bauer, E D; Tobin, J G	TR	LLNL	Lawrence Livermore National Laborat	6/12/2014
1149543	Basic data report for emplacement hole U2ez	Wagoner, J L	TR	LLNL	Lawrence Livermore National Laborat	6/16/2014
1149549	Scaled Eagle Nebula Experiments on NIF	Kane, J O	TR	LLNL	Lawrence Livermore National Laborat	6/17/2014
1149564	Ordering Traces Logically to Identify Lateness in Parallel Programs	Isaacs, K E; Gamblin, T; Bhatele, A; Schulz, M; Hamann, B; Bremer, P	TR	LLNL	Lawrence Livermore National Laborat	6/19/2014
1149571	Lawrence Livermore National Laboratory NESHAPs 2013 Annual Report	Wilson, K R; Bertoldo, N A; Gallegos, G M; MacQueen, D H; Wegrecki, A M	TR	LLNL	Lawrence Livermore National Laborat	6/23/2014
1149562	Determining thermochemical properties of halogenated metals: On enabling the rapid assessment of agent defeat	M.Zaug, J; Bastea, S	TR	LLNL	Lawrence Livermore National Laborat	6/25/2014
1149575	Investigation of Correlation Between Yield and Timing Data Obtained from Streak Films	Troutman, B S	TR	LLNL	Lawrence Livermore National Laborat	6/28/2014
1149565	Comprehensive Cloud-based Nuclide Identification for Handheld Gamma-Ray Spectrometers	Labov, S E	TR	LLNL	Lawrence Livermore National Laborat	6/30/2014
1150030	Environmental Transport of Plutonium: Biogeochemical Processes at Femtomolar Concentrations and Nanometer	Kersting, A B; Zavarin, M	TR	LLNL	Lawrence Livermore National Laborat	7/1/2014
1150044	GeGI: Chicago field test report (trip #2)	Burks, M; Dreyer, J	TR	LLNL	Lawrence Livermore National Laborat	7/7/2014
1150031	Quality Assurance of NUFT Code for Underground Test Area (UGTA) Activities	Carle, S F; Hao, Y; Tompson, A	TR	LLNL	Lawrence Livermore National Laborat	7/9/2014
1150041	Laser Ray Trace Approach To Cross-Beam Energy Transfer in HYDRA	Kerbel, G; Michel, P; Marinak, M; Strozzi, D	TR	LLNL	Lawrence Livermore National Laborat	7/10/2014
1150028	Simulation of triple ion-beam irradiation in Fe single crystals using stochastic cluster dynamics	Marian, J; Hoang, T	TR	LLNL	Lawrence Livermore National Laborat	7/14/2014
1150036	A Proper Method for Introducing Shear into Compressible RANS Models	Ulitsky, M	TR	LLNL	Lawrence Livermore National Laborat	7/14/2014
1150047	Determination of the Optimal Multi-physics Ensemble Configuration for Predicting California Renewable	Simpson, M; Bulaevskaya, V; Sotorrio, P; Edmunds, T	TR	LLNL	Lawrence Livermore National Laborat	7/14/2014
1165785	Advanced Simulation and Computing FY15-FY17 Implementation Plan	McCoy, M; Alvin, K; Archer, W	TR	LLNL	Lawrence Livermore National Laborat	7/14/2014
1150725	When did the Haiti cholera outbreak begin?	Velsko, S P	TR	LLNL	Lawrence Livermore National Laborat	7/15/2014
1150029	On the Ejecta from JASPER Targets	Holmes, N C	TR	LLNL	Lawrence Livermore National Laborat	7/16/2014
1165749	Similarity Analysis: Comparison of a Standard 60mL With a 50mL Container for MicroCT	Seetho, I M; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	7/23/2014
1165783	Similarity Analysis: Comparison of a Standard 60mL With an Anti-Static Container for MicroCT	Seetho, I M; Brown, W D; Martz, H E	TR	LLNL	Lawrence Livermore National Laborat	7/23/2014
1159267	FY14 Progress Report on Deep Borehole Material Degradation and Effects	Sutton, M; Greenberg, H R	TR	LLNL	Lawrence Livermore National Laborat	7/24/2014
1150042	Annual Report on characterization of genetic variability and virulence mechanisms of Venezuelan equine encephalitis	Jaing, C; Allen, J; Be, N; Gardner, S; McLoughlin, K; Weaver, S; Forrester, N; Guerbois, M	TR	LLNL	Lawrence Livermore National Laborat	7/28/2014
1158875	National Ignition Facility Experiments in Support of Stockpile Stewardship Program (SSP)	Wan, A; Scott, K	TR	LLNL	Lawrence Livermore National Laborat	7/31/2014
1165782	Science and Technology Review September 2014	Burton, G C	TR	LLNL	Lawrence Livermore National Laborat	8/4/2014



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1150032	Math Parsing in the Virtual Beam Line Code	Kraines, B J	TR	LLNL	Lawrence Livermore National Laborat	8/5/2014
1150050	Sustainment and Recapitalization Requirements for LLNL Site 300 Real Property Utilizing a Novel Interactive	Betit, B A; Clowdus, L C	TR	LLNL	Lawrence Livermore National Laborat	8/5/2014
1162237	Plutonium Adsorption and Desorption from Bentonite: Progress Report FT-14LL0807071	Begg, J D; Zavarin, M; Tumej, S J; Kersting, A B	TR	LLNL	Lawrence Livermore National Laborat	8/5/2014
1150035	DHS-STEM Summary Report	Smith, M	TR	LLNL	Lawrence Livermore National Laborat	8/6/2014
1150046	LLNL Internship Reflection	Riso, V M	TR	LLNL	Lawrence Livermore National Laborat	8/7/2014
1165775	A Bayesian Framework for Locating Seismic Events Using Absolute Arrival Time Data along with Back Azimuth and	Johannesson, G; Myers, S C	TR	LLNL	Lawrence Livermore National Laborat	8/7/2014
1159266	LLNL Input to SNL Report on the Composition of Available Data for Used Nuclear Fuel Storage and Transportation	Sutton, M; Wen, J	TR	LLNL	Lawrence Livermore National Laborat	8/13/2014
1165771	CY14 Livermore Computing Focus Areas	Connell, T M; Cupps, K C; D'Hooge, T E; Fahey, T J; Fox, D M; Futral, W S; Gary, M R; Goldstone,	TR	LLNL	Lawrence Livermore National Laborat	8/15/2014
1165747	Exploring Distributed Memory Parallel CPLEX	Cong, G; Magerlein, J; Rajan, D; Meyers, C	TR	LLNL	Lawrence Livermore National Laborat	8/18/2014
1165762	Assessment of Tritium Breeding Blankets from a Systems Perspective - Status Report	Meier, W R	TR	LLNL	Lawrence Livermore National Laborat	8/18/2014
1165772	Active Interrogation with a Short-Pulse Neutron Source	Yang, D; McAlpine, S; Mozin, V; Schmidt, A	TR	LLNL	Lawrence Livermore National Laborat	8/18/2014
1165770	Monte Carlo Simulations of Neutron Resonance Transmission Analysis with the Dense Plasma Focus	McAlpine, S; Yang, D; Mozin, V; Schmidt, A	TR	LLNL	Lawrence Livermore National Laborat	8/20/2014
1165759	Distribution System Simulation Results	Qin, Y	TR	LLNL	Lawrence Livermore National Laborat	8/22/2014
1165755	Characterization of polyimide via FTIR analysis	Maurer, M L; Tooker, A C; Felix, S H	TR	LLNL	Lawrence Livermore National Laborat	8/25/2014
1159265	SHARP Structural Mechanics Verification & Validation Plan	Ferencz, R M	TR	LLNL	Lawrence Livermore National Laborat	8/26/2014
1165751	An Empirical Evaluation of Denoising Techniques for Streaming Data	Thompson, J L	TR	LLNL	Lawrence Livermore National Laborat	8/26/2014
1165794	Trend Analysis in Biomedical Texts via Vector Space Model Synonym Extraction	Buscaino, B	TR	LLNL	Lawrence Livermore National Laborat	8/28/2014
1165796	Extraction of Sulfur Mustard Metabolites from Urine Samples and Analysis by Liquid Chromatography-High-	Mayer, B P; Williams, A M; Leif, R N; Udey, R N; Vu, A K	TR	LLNL	Lawrence Livermore National Laborat	8/29/2014
1158882	Multi-Physics Demonstration Problem with the SHARP Reactor Simulation Toolkit: LLNL Contribution	Solberg, J M; Ferencz, R M; Whitesides, R A	TR	LLNL	Lawrence Livermore National Laborat	9/1/2014
1165787	Standard Diagnostics for the Diurnal Cycle of Precipitation	Covey, C; Gleckler, P	TR	LLNL	Lawrence Livermore National Laborat	9/2/2014
1165810	Modernizing Organizational User Account Management	Mendoza, A N	TR	LLNL	Lawrence Livermore National Laborat	9/2/2014
1165823	Benchmark Measurements of the BeRP Ball in Various Reflectors	Walston, S; Burch, J; Cowan, M; Guethlein, G; Keefer, G; Kerr, P; McAvoy, D; Nakae, L;	TR	LLNL	Lawrence Livermore National Laborat	9/16/2014
1165826	HSI Sensor Data Review, First Pass	Zelinski, M E; Kidwell, P B; Henderson, J R	TR	LLNL	Lawrence Livermore National Laborat	9/19/2014
1165788	Some Equilibria Aspects of KDP Growth Solutions	Miller, P E	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165790	Summary of DKDP boule fracture tests	Suratwala, T; Thorsness, C; Land, T; Evans, M; Fogle, K; Kimmons, J; Kishiyama, K; Steele, R	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165791	Thermal Fracture in DKDP crystals	Suratwala, T; Thorsness, C; Steele, R	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165804	Apodizers Record of Invention 1978	Trenholme, J	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165808	Use of Silica Gel as a Getter for the Protection of Sol-gel Coated Optics: Concept Verification	Miller, P E; Thorsness, C B; Ertel, J; Behne, D; Kishiyama, K	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165811	Effects of a Nonlinear Induced Electric Dipole Moment at $1\omega$	Trenholme, J	TR	LLNL	Lawrence Livermore National Laborat	9/26/2014
1165792	Results of the NEL Shot-Rate Campaign	Sutton, S; Marshall, C; Hayman, C	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165793	Stimulated Raman Scattering Inside KDP Crystal Segments - II	Smith, W L; Milanovich, F P; Henesian, M A	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165799	NIF Projection Completion Criteria	Paisner, J	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014

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1165801	RAM Intro	Sicherman, A	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165803	Simulations of 3w Beam Filamentation in the Beamlet Focus Lens and General Comments on Filamentation	Spaeth, M; Henesian, M	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165807	NIF Functional Requirements and Primary Criteria Rev. 1.8 September 2006	Patterson, R; Samuelson, S	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165813	SBA parameters for DLAP and fused silica, measured at 1053 nm and scaled to 351 nm. Intensity-length products at	Milam, D	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165816	Stimulated RAMAN Scattering Inside KDP Crystal Segments	Smith, W L; Milanovich, F P	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165818	National Ignition Facility Laser Design and Cost Basis Appendices August 1993	Paisner, J	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165819	National Ignition Facility Laser Design and Cost Basis Part I August 1993	Paisner, J	TR	LLNL	Lawrence Livermore National Laborat	9/29/2014
1165814	National Ignition Facility Functional Requirements and Primary Criteria Evidence of Completion	Baisden, P	TR	LLNL	Lawrence Livermore National Laborat	10/29/2014
1165815	National Ignition Campaign Program Completion Criteria and Primary Criteria and Functional Requirements Evidence	Baisden, P	TR	LLNL	Lawrence Livermore National Laborat	10/29/2014
1124881	3rd Annual Earth System Grid Federation and 3rd Annual Earth System Grid Federation and Ultrascale Visualization Climate Data Analysis Tools Final Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	2/21/2014
1132005	Department of Energy's Biological and Environmental Research Strategic Data Roadmap for Earth System Science	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	4/25/2014
1132037	Climate Science for a Sustainable Energy Future Test Bed and Data Infrastructure Final Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	5/4/2014
1136155	Ultrascale Visualization Climate Data Analysis Tools (UV-CDAT) Final Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	5/19/2014
1130514	Modeling the thermal deformation of TATB-based explosives. Part 1: Thermal expansion of ðœœneat-	Luscher, Darby J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	5/8/2014
1148313	Improving Memory Error Handling Using Linux	Carlton, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Lab. (LANL), Los	7/25/2014
1148938	Corrosion mechanisms for metal alloy waste forms: experiment and theory Level 4 Milestone M4FT-	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Lab. (LANL), Los	7/31/2014
1159057	Review of "SCLib, a hack for straightforward embedded C functions in (I)Python"	Certik, Ondrej [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/28/2014
1154962	Cascading of Fluctuations in Interdependent Energy Infrastructures. Gas-Grid Coupling	Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Lab. (LANL), Los	9/5/2014
1154964	Pre-feasibility Study to Identify Opportunities for Increasing CO<sub>2</sub> Storage in Deep, Saline Aquifers by Active	Stauffer, Philip H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/5/2014
1156843	Pentachart: From the Earth's Core to the Cosmos	Dogliani, Harald Osvald [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/12/2014
1164027	Database for Regional Geology, Phase 1: A Tool for Informing Regional Evaluations of Alternative Geologic	Perry, Frank Vinton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kelley,	TR	LANL	Los Alamos National Lab. (LANL), Los	11/12/2014
1113779	Demolition Notification for Quarter Ending March 30, 2014	Juarez, Catherine L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/6/2014
1113783	Examples of Sample Environments - LANSCE School on Neutron Scattering Geosciences & Materials in Extreme	Fanelli, Victor R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/6/2014
1113790	Introductory Gamma-Ray Spectroscopy	Karpus, Peter J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/6/2014
1113785	MPA Materials Matter January 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1113786	Women in Stem: Barriers, Milestones, Challenges, & Solutions	Brunish, Wendee M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1114402	Approaching isotropy in the vortex system of SmFeAs(O,F) at extreme magnetic fields	Moll, Philip J.W. [ETH Zurich, Switzerland]; Zhidadlo, Nikolai D. [ETH Zurich, Switzerland];	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1114403	Transport measurements of FeAs superconductors in the 150T single-turn magnet	Moll, Philip J.W. [ETH Zurich, Switzerland]; Zhigadlo, Nikolai D. [ETH Zurich, Switzerland];	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1114404	Direct Probe Mounted High-Performance Amplifiers for Pulsed Measurement	Wartenbe, Mark [FSU, NHMFL]; Stegen, Zachary [FSU, NHMFL]; McDonald, Ross David [Los	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1114405	Without Testing: Stockpile Stewardship in the Second Nuclear Age	Martz, Joseph C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/7/2014
1113789	PISTON	Sewell, Christopher Meyer [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/8/2014
1114407	LANL B61 System FY 2014 Q1 Report	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LAN	1/8/2014

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1114414	Pit 9 Category of Transuranic Waste Stored Below Ground within Area G	Hargis, Kenneth M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/8/2014
1114415	PHELIX Liner Surface Analysis	Rousculp, Christopher L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/9/2014
1114416	Recent Work on Calorimetry at LANL	Santi, Peter A. [Los Alamos National Laboratory]; Hauck, Danielle K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/9/2014
1114417	3706 update for congressional staff	Jones, Patricia [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/9/2014
1114397	DARHT Axis II Cathode 16 (S/N 22) History as Recorded in the Historian and Shot Data Databases	Smith, H. Vernon [Los Alamos National Laboratory]; Barraza, Juan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/10/2014
1114401	Welcome to Los Alamos National Laboratory	Karpus, Peter J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/10/2014
1114409	Results and Preliminary Inferences from Tracer Tests in Smith Ranch Mining Unit 4, Header House 4-6	Reimus, Paul W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/13/2014
1115546	Measuring x-ray spectra with a Compton electron spectrometer	Espy, Michelle A. [Los Alamos National Laboratory]; Gehring, Amanda E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/16/2014
1115547	Post-Cure Studies on Solid Silicone Elastomer: DC745U	Ortiz-Acosta, Denisse [Los Alamos National Laboratory]; Janicke, Michael T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2014
1115548	The Energetic Neutral Atom Beam Lithography & Epitaxy (ENABLE) Capability at LANL: GaN-related Materials	Hoffbauer, Mark A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2014
1115549	Effect of Beam Motion on Observed Image at Imaging Station C	Schulze, Martin E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/17/2014
1115550	Delayed Neutron & Gamma Measurements of Special Nuclear Materials and MCNP6 Simulations	Sellers, Madison [Los Alamos National Laboratory]; Goorley, John T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/21/2014
1116685	Grid Resilience Design Methodologies, Tools, and Case Studies	Bent, Russell W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/22/2014
1116694	Quality at NFT Leads to Safety at LANL Leads to US National Security	Smith, Paul Herrick [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/22/2014
1116689	Radiochemistry and the Study of Chemisorption	Rundberg, Robert S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/23/2014
1116690	Fissile Material Disposition Program: Oxide Production program Quarterly Report - 1QFY14	Kelley, Evelyn A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/23/2014
1116680	Enhancing the longevity of enzymatic sensors for continuous biochemical monitoring	Singh, Saurabh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/27/2014
1116684	Large-scale pseudospectral simulations	Beresnyak, Andrey [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/27/2014
1119588	Aqueous Solution Chemistry of Plutonium	Clark, David L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2014
1119589	Parametric Studies for Practical Limit Development for Plutonium Solution Systems Involving up to 3 x 6 Arrays of 6	Mitchell, Mark V. [Los Alamos National Laboratory]; Kamm, Ryan J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2014
1119590	Early User Test: BISON for Fission Gas Release Modeling	Johns, Russell C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/28/2014
1119581	Evaluation of photo-induced reactions on 39,41K	Kawano, Toshihiko [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2014
1119592	LANL Safety Conscious Work Environment (SCWE) Self-Assessment	Hargis, Barbara C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2014
1119593	Additive Manufacturing for Ceramics	Peterson, Dominic S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2014
1119594	An Overview of Polymer Additive Manufacturing Technologies	Peterson, Dominic S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/29/2014
1119582	MST e-News January 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/30/2014
1119583	Rotator Cuff Strength Ratio and Injury in Glovebox Workers	Weaver, Amelia M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/30/2014
1119578	Integrating Multiple Data Views for Improved Malware Analysis	Anderson, Blake H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2014
1119579	Interplay between Frustration and Spin-Orbit Coupling in Vanadates	Mun, Eun Deok [Ames Laboratory, Iowa]; Zapf, Vivien [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2014
1119580	LANL B61 System FY 2014 Report January	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	1/31/2014
1119585	Ionospheric effects of thunderstorms and lightning	Lay, Erin H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/3/2014
1119587	NSO News January 2014	Beck, James B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/4/2014

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1119801	Split Imaging Spectrometer Ray Trace Summary	Hager, Jonathan D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/5/2014
1119809	Fabrication of TREAT Fuel with Increased Graphite Loading	Luther, Erik Paul [Los Alamos National Laboratory]; Leckie, Rafael M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/5/2014
1119803	Memo WX7-14-1359, Subject: PBX 9502 Creep Data, Compression and Tension	Thompson, Darla G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2014
1119804	Environmental Management System Tools	Hall, Debora L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/6/2014
1119807	Preshot Summary for Coax-14A OMEGA Experiments on January 28th, 2014	Hager, Jonathan D. [Los Alamos National Laboratory]; Kline, John L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/7/2014
1119812	Viewgraphs for 20 HeV Proton Beam	Gilpatrick, John D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/10/2014
1119810	Risk-Informed Decision-Making for Potential Inhalation of Plutonium-239 and -238 Dioxide Nanoparticles: Use of Decision-Making Tools	Cash, Leigh J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/11/2014
1119813	Brief Overview of Information-gap Robustness for Decision-making	Van Buren, Kendra L. [Los Alamos National Laboratory]; Hemez, Francois M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/11/2014
1120712	Superconductivity, Glue, and the Pseudogap	Migliori, Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/12/2014
1120713	Modular Pumped Hydro for Grid Energy Storage	Bibeault, Mark L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/12/2014
1120679	Comparison of the Amanzi Model against Analytical Solutions and the FEHM Model	Lu, Zhiming [Los Alamos National Laboratory]; Harp, Dylan R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2014
1120715	Development of Inense Pulse Neutron Source	Kwan, Thomas J. [Los Alamos National Laboratory]; Rousculp, Christopher L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120716	Optical Spectroscopy Capabilities:Application to Nuclear Forensics, Nuclear Detection, Nuclear Safeguards, Oil Spills	Barefield, James E. [Los Alamos National Laboratory]; Judge, Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120719	Material Attractiveness and Why It Is Important	Bathke, Charles G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120721	Modeling Radiation Belt Electron Dynamics with the DREAM3D Diffusion Model	Tu, Weichao [Los Alamos National Laboratory]; Cunningham, Gregory S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120722	Engineering Sciences Strategic Leadership Plan	Hahn, Heidi A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120723	Modern Application of Time-Reversal to Seismic Source characterization	Larmat, Carene [Los Alamos National Laboratory]; Johnson, Paul A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/14/2014
1120717	Applications of multichannel R-matrix theory to light nuclei	Hale, Gerald M. [Los Alamos National Laboratory]; Paris, Mark W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/18/2014
1120718	Non-Reciprocal Geometric Wave Diode by Engineering Asymmetric Shapes of Nonlinear Materials	Ren, Jie [Los Alamos National Laboratory]; Li, Nianbei [School of Physics Science and Engineering, Tsinghua University]	TR	LANL	Los Alamos National Laboratory (LANL)	2/18/2014
1121309	LANL/ASU Summit on Richtmyer-Meshkov strength project	Loomis, Eric Nicholas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/19/2014
1121303	Thermal Analysis of Buried Flanged Tritium Waste Containers with Internal Heating	Shimek, Moss [Los Alamos National Laboratory]; Lam, Kin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/20/2014
1121306	DOE web highlight	Ronning, Filip [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/21/2014
1121300	AOT & LANSCE The Pulse February 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/24/2014
1121301	Physics Flash February 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/25/2014
1122028	Los Alamos National Laboratory: At a Glance	Archuleta, Alonso [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2014
1122029	Topography-based Flood Planning and Optimization Capability Development Report	Judi, David R. [Los Alamos National Laboratory]; Tasseff, Byron A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2014
1122062	Leveraging Algae: New Jobs for Our Oldest (and Smallest) Workforce	Starkenbug, Shawn R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2014
1122063	NGSI technologies Coming Down the Road - Fast Neutron Collar	Swinhoe, Martyn T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2014
1122064	Experimental Physical Sciences Vitae 2014	Kippen, Karen E. [Los Alamos National Laboratory]; Del Mauro, Diana [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/26/2014
1122032	Development of Eulerian Code Modeling for ICF Experiments	Bradley, Paul A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/27/2014
1122033	Report on Plasma Spraying of Full-Sized Foils (FY13)	Hollis, Kendall J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/27/2014
1122054	MCNP6 Class	Hughes, H. Grady III [Los Alamos National Laboratory]; James, Michael R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/27/2014

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1122056	65036 MMI data matched qualitatively by RAGE (with mix) synthetic MMI images	Baumgaertel, Jessica A. [Los Alamos National Laboratory]; Bradley, Paul A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/27/2014
1122057	Single Turn Shot Sequence	Mielke, Charles H. [Los Alamos National Laboratory]; Novak, Alan M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	2/27/2014
1122035	Pentacharts for Loose Nukes	Triplett, Laurie A. [Los Alamos National Laboratory]; Kippen, Richard Marc [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/3/2014
1122038	Renewable Energy: science, politics, and economics	Migliori, Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/3/2014
1122045	High Amplitude Non Contact Acoustic Source for Defect Detection and 3-component Excitation	Le Bas, Pierre-Yves [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/3/2014
1122049	Filled Elastomer Thickness Measurement Technique Evaluation	Sandoval, Cynthia W. [Los Alamos National Laboratory]; Birdsell, Stephen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/3/2014
1122052	NSO News - February 2014	Beck, James B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2014
1122887	Nonequilibrium Statistical Mechanics: potential applications in biology	Alexander, Francis J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/5/2014
1122906	Studies of Fission-Induced Surface Damage in Actinides Using Ultracold Neutrons	Broussard, Leah J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/5/2014
1121307	Proposal, Precompound Emission of Energetic Light Fragments in Spallation Reactions	Kerby, Leslie M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1121308	Proposal, Precompound Emission of Energetic Light Fragments in Spallation Reactions	Kerby, Leslie M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1122059	Preliminary SPE Phase II Far Field Ground Motion Estimates	Steedman, David W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1122893	Module 4 - Part 2 - Hand Calculation Methods	Mitchell, Mark V. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1122895	Characteristics of Fissile Solution Systems	Klein, Steven K. [Los Alamos National Laboratory]; Kimpland, Robert H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1122909	Module 4 - Part 1 - Hand Calculation Methods	Mitchell, Mark V. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/6/2014
1122896	Aqueous Homogeneous Reactor (AHR) Benchmarks	Klein, Steven K. [Los Alamos National Laboratory]; Kimpland, Robert H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/7/2014
1122897	Reevaluation of the Jezebel Benchmark	Favorite, Jeffrey A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/10/2014
1122898	LANL B61 System FY 2014 Report February	Lynch, Lori J. [Los Alamos National Laboratory]; Buntain, Patti S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/10/2014
1122899	Annual Report on Numerical Study of Strong and Coherent Radiation of Terahertz Electromagnetic Waves from High-Current Beams	Lin, Shizeng [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/10/2014
1122902	Center for Global Nuclear Security Technologies and Applications	Esch, Ernst I. [Los Alamos National Laboratory]; Goettee, Jeffrey D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/10/2014
1122889	Responsive Space Program Brief	Dors, Eric E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2014
1122890	Adjoint Weighting Methods Applied to Monte Carlo Simulations of Applications and Experiments in Nuclear Reactors	Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/11/2014
1123770	Los Alamos - A Short History	Meade, Roger A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/12/2014
1123771	Literature Review: An Overview of Epoxy Resin Syntactic Foams with Glass Microballoons	Keller, Jennie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/12/2014
1123772	Predictions of x-ray scattering spectra in warm dense matter	Starrett, Charles E. [Los Alamos National Laboratory]; Saumon, Didier [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/12/2014
1123801	Detecting Bioterrorism: Is Chemistry Enough?	Omberg, Kristin M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2014
1123775	Cf-252 Characterization Documents	Feldman, Alexander [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/14/2014
1123776	Secure and sustainable energy infrastructure: The case of CO2 capture, utilization, and storage	Middleton, Richard S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2014
1123777	IMPULSE Highlights for recent experiments at the Advanced Photon Source (2/9-2/18 2014)	Jensen, Brian J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2014
1124625	Boneyard Progress	George, Victoria A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2014
1124633	Seismic and Infrasound Location	Arrowsmith, Stephen J. [Los Alamos National Laboratory]; Begnaud, Michael L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2014
1124635	Release of Continuous Representation for S( $\pm, \rho^2$ ) ACE Data	Conlin, Jeremy Lloyd [Los Alamos National Laboratory]; Parsons, Donald K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2014

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1124627	Application of the time-dependent close-coupling method to ionization of multi-electron atoms	Armstrong, Gregory [Los Alamos National Laboratory]; Colgan, James P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2014
1124628	Beam Development_V6MP	Gilpatrick, John D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2014
1124629	Warhead Confirmation: A Follow-on to New START	MacArthur, Duncan W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2014
1124630	Ultra-High Gradient Quadrupoles and Lens Length Scaling	Walstrom, Peter L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2014
1124631	Global Security Program Management Plan	Bretzke, John C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2014
1124632	M110 Self-propelled howitzer/60mm gun	Vigil, Juan-Antonio F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2014
1126643	Mission-Based Partnerships that Accelerate Innovation: A Perspective from Los Alamos National Laboratory	Dye, Robert C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2014
1126644	Spatial Multiplication Model as an alternative to the Point Model in Neutron Multiplicity Counting	Hauck, Danielle K. [Los Alamos National Laboratory]; Henzl, Vladimir [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2014
1126638	Feral Cattle in the White Rock Canyon Reserve at Los Alamos National Laboratory	Hathcock, Charles D. [Los Alamos National Laboratory]; Hansen, Leslie A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2014
1126639	Biological Resources Management at Los Alamos National Laboratory	Hathcock, Charles D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2014
1126646	An in-situ ZnS(Ag) UCN detector: conceptual studies	Wang, Zhehui [Los Alamos National Laboratory]; Morris, Christopher [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2014
1126647	SPIDER: A new tool for measuring fission yields	Meierbachtol, Krista C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2014
1126674	SDAV Visualization Area: Highlights at Los Alamos with HACC	Sewell, Christopher Meyer [Los Alamos National Laboratory]; Ahrens, James P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2014
1126675	Biomedical Applications of Microfluidic Technology	Gao, Jun [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2014
1126676	MPA Materials Matter March 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2014
1126677	Radiochemistry and RIF neutron studies at NIF	Hayes-Sterbenz, Anna C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2014
1126673	Evaluation of Deblur Methods for Radiography	Wood, William M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126678	Los Alamos National Laboratory Fuel Cell Program Durability Improvements Through Degradation Mechanism	Borup, Rodney L. [Los Alamos National Laboratory]; Mukundan, Rangachary [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126679	MST e-News March 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126680	Advancing Analytical Capabilities to Study Nuclear Materials and Its Implications for Innovative Nuclear	Aguar, Jeffery [Los Alamos National Laboratory]; Holesinger, Terry G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126681	CINT User Proposal - Description of Proposed Research	Mocko, Veronika [Los Alamos National Laboratory]; Weisse-Bernstein, Nina R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126684	Considerations in Execution of High Temperature Steam Oxidation Testing	Nelson, Andrew T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2014
1127465	Fundamentals of Energy Materials: A Theoretical Perspective	Dholabhai, Pratik [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2014
1127489	A Status Report and a Comparison of H- Emittance at the Dome and ISTS	Fortgang, Clifford M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2014
1127477	Nanoscale semiconductor hybrids: fundamental physics and advanced devices	Nguyen, Binh-Minh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2014
1127479	LANL Skid Testing Summary	Dickson, Peter [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2014
1127471	DARHT Axis II Magnet Models	Schulze, Martin E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2014
1127472	Sensitivity of Beam Parameters to a Station C Solenoid Scan on Axis II	Schulze, Martin E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2014
1127473	Nuclear Physics: The Ultracold Neutron Source	Kippen, Karen E. [Los Alamos National Laboratory]; Clayton, Steven [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2014
1127480	Atomistically informed 3D phase field dislocation dynamics (PFDD) model for nanomaterials	Hunter, Abigail [Los Alamos National Laboratory]; Beyerlein, Irene J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2014
1127481	A Non-invasive beam size diagnostic for ARIA	Ekdahl, Carl A. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2014
1127466	Verification of MCNP6.1 and MCNP6.1.1 for Criticality Safety Applications	Brown, Forrest B. [Los Alamos National Laboratory]; Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2014

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1127467	Highlights from Institutional Computing Project on Plasma Shear Turbulence	Daughton, William S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2014
1127468	Dynamic System Simulation of Fissile Solution Systems	Klein, Steven K. [Los Alamos National Laboratory]; Kimpland, Robert H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2014
1127486	IC W13_auptphase Highlight: Phase Diagram of Pt from Z Methodology	Burakovsky, Leonid [Los Alamos National Laboratory]; Chen, Shao-Ping [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2014
1127487	IC W13_fephases Highlight: Solid-Solid Phase Boundary in Fe	Preston, Dean L. [Los Alamos National Laboratory]; Burakovsky, Leonid [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2014
1129050	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in Soils within Revised Tract A-5-2	Whicker, Jeffrey J. [Los Alamos National Laboratory]; Eisele, William F. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2014
1129051	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in soils within Tract A-5-2	Whicker, Jeffrey J. [Los Alamos National Laboratory]; Eisele, William F. Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2014
1129053	Chaotic Behavior: Bose-Einstein Condensate in a Disordered Potential	Collins, Lee A. [Los Alamos National Laboratory]; Ticknor, Christopher [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2014
1129055	Talk: Why Vaccines?	Korber, Bette T. M [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/17/2014
1129808	Los Alamos Canyon Bridge Presentation - April 2014	Rodarte-Romero, Crystal J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2014
1129809	ARIES Oxide Production Program Monthly Report - February 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven M. [Los Alamos National Laboratory]; Mather, Steven D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2014
1129813	Oxide Production Program Monthly Report - January 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven M. [Los Alamos National Laboratory]; Mather, Steven D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129814	Dose Reporting Project Application Overview	Hayes, Catherine A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129815	Sound for Sensing, Imaging and Creating Unique Structures	Sinha, Dipen N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129828	Process Guide to Update Performance Values	Kubicek, Deborah A. [Los Alamos National Laboratory]; Cleland, Timothy J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129818	High Resolution Fully Coupled Climate Simulations for Investigation of Regional Interactions	Maltrud, Mathew E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129819	Laser ion acceleration in thin foil target	Huang, Chengkun [Los Alamos National Laboratory]; Albright, Brian J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129821	Los Alamos National Laboratory Training--Assets Modeling	Limback, Nathan Paul [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129822	Opportunities In Space	Funsten, Herbert O. III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129823	ARIES Oxide production Program - Quarterly Report: 2QFY14	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven M. [Los Alamos National Laboratory]; Mather, Steven D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129829	Multidecadal variability in an eddy-resolving ocean model	Weijer, Wilbert [Los Alamos National Laboratory]; Hecht, Matthew W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129830	Ultrafast all-optical manipulation of interfacial magnetoelectric coupling	Sheu, Yu-Miin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1129825	Effect of Mach number on Richtmyer-Meshkov mixing and transition	Orlicz, Gregory C. [Los Alamos National Laboratory]; Balasubramanian, Sridhar [Indian Institute of Space Science and Technology]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2014
1129826	Next Gen Safeguards Professional Network Final Report 2014	Doyle, James E. [Los Alamos National Laboratory]; Haddal, Risa [Sandia National Laboratories]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2014
1129840	Patriot Script Version 1.0.12 User Guide	Cuellar-Hengartner, Leticia [Los Alamos National Laboratory]; Cleland, Timothy J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2014
1129841	Patriot Viewer Version 1.3.0 User Guide	Mathis, Mark M. [Los Alamos National Laboratory]; Kubicek, Deborah A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2014
1129842	Ten-Year Site Plan Limited Update - FY 2015	Honig, Kristen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2014
1129834	Sensitivity Analysis of Real Green Building Systems, LLC Technologies	Booth, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2014
1130517	AOT & LANSCE The Pulse May 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2014
1130508	Neutron-Induced failures in Semiconductor Devices	Wender, Stephen A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2014
1130510	Ultracold Neutrons at LANSCE	Broussard, Leah J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2014
1130518	Binary Tracers and Multiple Geophysical Data Set Inversion Methods to Improve EGS Reservoir Characterization and	Reimus, Paul W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2014
1130520	Physics Flash May 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2014

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1130512	Preliminary K20 Test Results	Quinn, Heather Marie [Los Alamos National Laboratory]; Monroe, Laura M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2014
1130516	Solving Inverse Detection Problems Using Passive Radiation Signatures	Favorite, Jeffrey A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/2/2014
1130474	Bighorns Discrimination Study	Hartse, Hans E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1130475	Detonator Bridgewire Gap Tests Using SE-1/31 Detonator Housings with High Surface Area PETN	McHugh, Douglas C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1130481	Lujan Neutron Scattering Center - Tour presentation	Fanelli, Victor R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1130482	Institutional Computing Annual Report (2013): W13_electrochem	Holby, Edward F. [Los Alamos National Laboratory]; Henson, Neil J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1131011	WSST Safety Concern: Traffic Safety on LANL Truck Route	Fuehne, David P. [Los Alamos National Laboratory]; Sturgeon, Richard W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2014
1130990	Methodology for Sensitivity and Uncertainty-Based Criticality Safety Validation	Kiedrowski, Brian C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2014
1130992	Measuring the Neutron Lifetime with a Magnetic Neutron Trap at LANL	Salvat, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2014
1131006	Strengthening Human Capital for Nuclear Safeguards: Expanding the Next Generation Safeguards Professional Network	Doyle, James E. [Los Alamos National Laboratory]; Haddal, Risa [Sandia National Laboratories]	TR	LANL	Los Alamos National Laboratory (LANL)	5/8/2014
1131007	Muon Tomography at Los Alamos	Perry, John O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131008	Incremental Slitting Residual Stress Measurements for a Hot Cell	Prime, Michael B. [Los Alamos National Laboratory]; Lovato, Manuel L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131009	Euratom Fast Collar (EFC) Calibration Report	Swinhoe, Martyn T. [Los Alamos National Laboratory]; Rael, Carlos D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131010	Analysis of Differential Die Away Instrument Simulated Performance Using Boiling Water Reactor Spent Fuel	Henzl, Vladimir [Los Alamos National Laboratory]; Trelue, Holly R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131012	Spent Fuel Assembly Modeling for Unattended Gamma Emission Tomography (UGET) Project	Trelue, Holly R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131013	IMPACT Project Integrated Modeling of Perturbations in Atmospheres for Conjunction Tracking A New Orbital	Godinez Vazquez, Humberto C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131014	2012-13 Blue Room Low Enriched Uranium Sample Irradiation, Associated Gas Handling System, and	May, Iain [Los Alamos National Laboratory]; Anderson, Aaron S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1131015	Quantum molecular dynamics on parallel GPUs: w13_qmdgpu	Cawkwell, Marc J. [Los Alamos National Laboratory]; Niklasson, Anders M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/9/2014
1130991	Production of Energetic Light Fragments in the Cascade Exciton Model (CEM)	Kerby, Leslie M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/12/2014
1130999	The Majorana Demonstrator: A search for Neutrinoless Double-delta Decay of <sup>76</sup> Ge	Xu, Wenqin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/12/2014
1131016	MPI-Bash: Parallel scripting right from the Bourne-Again Shell (Bash)	Pakin, Scott D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/12/2014
1131002	Swedish Government Representatives Visit Nevada National Security Site and Los Alamos National Laboratory	Blanchard, Aimee K. [Los Alamos National Laboratory]; Bedell, Jeffrey J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2014
1131003	The Los Alamos CP2011 ACE Format Charged Particle Transport Library for MCNP6	Parsons, Donald K. [Los Alamos National Laboratory]; White, Morgan C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2014
1131778	New-Generation Thermal Neutron Detectors and Electronics for High-Count-Rate Applications	Ilanakiev, Kiril D. [Los Alamos National Laboratory]; Swinhoe, Martyn T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2014
1131779	Electrophysiological and Optical Measurements of Retinal Function	Disterhaupt, Jennifer L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2014
1131780	KiloPower Space Reactor Concept - Reactor Materials Study	McClure, Patrick R. [Los Alamos National Laboratory]; Poston, David I. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2014
1131781	Overview of National Criticality Experiments Research Center (NCERC) Critical Assemblies	Goda, Joetta M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2014
1131768	Variable density turbulence with miscible and immiscible materials (IC project: w13_rtmisimmisc)	Livescu, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/16/2014
1131769	Direct Numerical Simulations of isotropic turbulence interacting with a shock-wave (IC_project: w12_dnsturb)	Livescu, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/16/2014
1131776	Development of global stochastic models for infrasound	Arrowsmith, Stephen J. [Los Alamos National Laboratory]; Blom, Philip S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/19/2014
1131777	Highlights of Institutional Computing Project	Tang, Xianzhu [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/19/2014
1131773	Highlights of work achieved through the use of IC resources: w12_firetec	Linn, Rodman R. [Los Alamos National Laboratory]; White, Judith [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2014



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1132549	Determination of Shallow Crust Properties from Physical Predictors	Maceira, Monica [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2014
1132550	High-Energy-Density Turbulent Mixing Experiments	Doss, Forrest W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2014
1132538	DOE Modeling Activities in the Antarctic/Southern Ocean Region	Jones, Philip W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2014
1132539	SHIELDS project: Space Hazards Induced near Earth by Large, Dynamic Storms	Jordanova, Vania K. [Los Alamos National Laboratory]; Godinez Vazquez, Humberto C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2014
1132543	Topological Defects in Materials	Saxena, Avadh [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/22/2014
1132544	(U) Dendritic Zoner Idea	Kenamond, Mark A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/22/2014
1132532	Calorimetry: Operating MultiCal	Santi, Peter A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2014
1132533	Good Operating Practices	Santi, Peter A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2014
1132534	Acceptance Test Report Identifinder 2 Serial Number 910532-78 14 May 2014	Hypes, Philip A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2014
1132535	Acceptance Test Report Identifinder 2 Serial Number 910532-77 14 May 2014	Hypes, Philip A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/23/2014
1133318	CASL Institutional Computing Report, CY2013	Lee, Stephen R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/27/2014
1133320	Literature Review: Silicone Applications in Health Care	Keller, Jennie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/27/2014
1133321	MAMA Software User Guide: Tips for Segmenting with MAMA	Ruggiero, Christy E. [Los Alamos National Laboratory]; Porter, Reid B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2014
1133322	Discussion Regarding Aqueous Homogeneous Reactor (AHR) Benchmarks	Klein, Steven K. [Los Alamos National Laboratory]; Kimpland, Robert H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2014
1133323	MAMA Software Features: Errors, Uncertainty, and Standards	Ruggiero, Christy E. [Los Alamos National Laboratory]; Porter, Reid B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2014
1133284	Y12 7s/Clean Sweep Benchmarking: LANL Overview	Bryan-Ricketts, Debra S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2014
1133285	Actinide Studies with Ultracold Neutrons	Broussard, Leah J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2014
1133763	Blue Room Vertical Flight Path	Mocko, Michal [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2014
1133764	MPA Materials Matter May 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2014
1133765	Video Analysis & Search Technology (VAST): Automated content-based labeling and searching for video and images	Brumby, Steven P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2014
1133768	Institutional Computing Annual Report 2014 for Project W13_sdtanoc: Atomic-Scale Design of Shock Damage-Resistant Materials	Germann, Timothy C. [Los Alamos National Laboratory]; Cherukara, Mathew J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/31/2014
1133769	Biofuels at Los Alamos National Laboratory	Olivares, Jose A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/1/2014
1127474	Nuclear Physics: MiniBooNE	Kippen, Karen E. [Los Alamos National Laboratory]; Elliott, Steven R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133312	Los Alamos National Laboratory Inertial Confinement fusion (ICF) Highlights, May 2014	Batha, Steven H. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133770	Summary of LANL's Preliminary Evaluation of SWORD for FY14	Temple, Brian A. [Los Alamos National Laboratory]; Pimentel, David A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133771	Annual Report X-GAMMA: Revealing the Nuclear Fingerprint with Cryogenic Detectors	Rabin, Michael W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133772	NSO News April - May 2014	Beck, James B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133773	Shipping Plan for the "Establish Americium-Oxide Production Capability Project	Vigil, Toby J. [Los Alamos National Laboratory]; Schulte, Louis D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133753	Quantification and Uncertainty in Particle Morphological Analysis	Schwartz, Daniel S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/3/2014
1133754	MST e-News May 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/3/2014
1133751	WOLVES PRES IWSST 042314	Honea, Joseph H [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/4/2014
1133755	Combining X-Ray Photoelectron Spectroscopy with Laser Ablation for Nuclear Forensics of Pu and U	Joyce, John J. [Los Alamos National Laboratory]; Durakiewicz, Tomasz [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/4/2014

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1133749	Uranium and plutonium prompt-fission-neutron spectra (PFNS) from the analysis of NTS NUEX data and the	Lestone, John P. [Los Alamos National Laboratory]; Shores, Erik F. [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	6/6/2014
1133750	Synthesis of Nanoscale Hollow Styrene and Methacrylate Spheres	Barker, Madeline T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/6/2014
1133777	The Nuclear Fuel Cycle Around the World	Jarvinen, Gordon D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/9/2014
1133779	Validation and Uncertainty Assessment of Ground-Based Nuclear Explosion Monitoring Models	Maceira, Monica [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/9/2014
1133757	(U) Multi-Scale Friction Model in FLAG	Kenamond, Mark A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/10/2014
1133760	Joint Distribution of the Neutron and Fission Numbers in a Fissile System	Fichtl, Erin J. [Los Alamos National Laboratory]; Prinja, Anil K. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/10/2014
1134296	SCC Controls	Montoya-Wiuff, Alynna C. [Los Alamos National Laboratory]; Ferguson, Michael R. [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	6/11/2014
1134297	Overview of Durability Testing and Accelerated Stress Tests	Borup, Rodney L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/11/2014
1116692	InstrumentationPod (IPOD) User Guide	Parker, Robert F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/12/2014
1134299	JWL in a Nutshell	Weseloh, Wayne N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/12/2014
1134770	3D Variations in Seismic Wavespeed and Mass Density in the Crust and Upper Mantle of SE Asia from Joint Inversion	Maceira, Monica [Los Alamos National Laboratory]; van der Hilst, Robert D. [MIT];	TR	LANL	Los Alamos National Laboratory (LAN	6/13/2014
1134773	LANL SDAV Visualization Update	Sewell, Christopher Meyer [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/15/2014
1134774	Dual-Slab Verification Detector (DSVD) Operations Software User Guide	Parker, Robert F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/16/2014
1134778	LANL Investigation Report: Magnet Fire Event at TA-53, Line D South	Yazzie, Alva M. [Los Alamos National Laboratory]; Clay, Marc E. [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LAN	6/16/2014
1134779	Seismic Modeling Workshop - Joint inversion	Maceira, Monica [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/16/2014
1134780	Seismic Modeling Workshop: National Laboratory Overview/Discussion	Larmat, Carene [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/16/2014
1134782	Waste Characterization with WDAS and the Add-a-Source Method	Frame, Katherine C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/16/2014
1134767	2013 LANL Radionuclide Air Emissions Report	Fuehne, David P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/17/2014
1134786	Advanced explosives research and education	Tappan, Bryce C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/17/2014
1134790	Scientific Excellence for Mission Impact	Bishop, Alan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/17/2014
1134791	QUIC: A Fast-Running High-Resolution 3D Building-Aware Urban Transport and Dispersion Modeling System	Brown, Michael J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/18/2014
1134794	CAD drawing of tensile rig	Olds, Daniel P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/19/2014
1134799	Fast Neutron Shielding	Agyapong, Paul [Los Alamos National Laboratory]; Dowell, L. Jonathan [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	6/20/2014
1134800	Add-a-Source Analysis Method for Neutron Coincidence Counting of Waste - Laboratory Exercises	Stange, Sy [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/23/2014
1134802	Report: Update of chemical analysis results for the Japan Atomic Energy Agency (JAEA) collaboration study sample	Porterfield, Donivan R. [Los Alamos National Laboratory]; Martinez, Patrick T. [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	6/23/2014
1136096	Safeguards at Gas Centrifuge Enrichment Plants: Why is Iran a Threat?	Boyer, Brian D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/25/2014
1136099	Maintenance Connection (MC) MC Tablet Hybrid Software Training for Sampler Inspections	Smith, Shannon M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/25/2014
1136103	SPE-4-prime Calculations on Sympathetic detonation and Preliminary Confinement	Bradley, Christopher R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/28/2014
1136104	Physics Flash June 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/29/2014
1136105	Maintenance Connection (MC) MC Tablet Hybrid Software Training for BMP Inspections	Smith, Shannon M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/30/2014
1136106	Development of a Cavity Collapse Model of Cavitation Bubbles in Water in One and Two Dimensions using the	McHardy, James D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	6/30/2014
1136093	ARIES Oxide Production Program: Monthly Report - May 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven M. [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	7/1/2014

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1136449	ARIES Oxide Production Program Monthly Report - April 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2014
1136453	Gromacs IC Tutorial	Junghans, Christoph [Los Alamos National Laboratory]; Phillips, Joshua L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/3/2014
1136455	AOT & LANSCE The Pulse July 2014	Kippen, Karen E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/3/2014
1136457	Summary of May 21st and 22nd Shear Campaign	Merritt, Elizabeth C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/3/2014
1136461	LANL/New Mexico Consortium HIV vaccine design and Analysis	Korber, Bette T. M [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/7/2014
1136465	Hazards to satellites from the space environment	Quinn, Heather Marie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/8/2014
1136466	Preliminary Analysis of Texas Instrument Hercules Flash-based Microcontroller	Quinn, Heather Marie [Los Alamos National Laboratory]; Fairbanks, Thomas D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/8/2014
1136939	Uranium Measurement Control and Total Uranium Concentration Determination	May, Iain [Los Alamos National Laboratory]; Reilly, Sean D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2014
1136959	On-line vs. Off-line Coupling of Meteorological and Transport & Dispersion Models: Background, Advantages,	Brown, Michael J. [Los Alamos National Laboratory]; Brambilla, Sara [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/11/2014
1136960	Kelvin probe force microscopy of metallic surfaces used in Casimir force measurements	Behunin, R [Department of Applied Physics, Yale University, New Haven, Connecticut]; Dalvit, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/14/2014
1136961	Laboratory Science Pillars & Strategic Context	Sarrao, John Louis [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/14/2014
1136942	IGPPS Space Focus Area	Reeves, Geoffrey D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/15/2014
1143958	(U) Status of (n, $\bar{p}$ ) and (n, n $\bar{p}$ ) Calculational Capability	Favorite, Jeffrey A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/15/2014
1143949	Seaborg Institute in Brief	Migliori, Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2014
1143950	How to be a roboticist	O'Neil, Brian E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2014
1143952	ESC Annual Report 2009	Reichardt, Cynthia J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2014
1143954	Nuclear and Particle Futures Pillar	Fulton, Robert Douglas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2014
1143959	What's in that Bottle	Schultz, Larry Joe [Los Alamos National Laboratory]; Ickes, Timothy Lee [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2014
1143956	LANL Overview	Owen, James Carter [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2014
1143988	Replacement Ring Seal for the LANL 54-mm FAS Fixed Air Sampler	Moore, Murray E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2014
1143990	MP-1 Issues for Plasma Spraying	Hollis, Kendall Jon [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2014
1143991	Optimal Kinodynamic Motion Planning in Environments with Unexpected Obstacles	Boardman, Beth Leigh [Los Alamos National Laboratory]; Harden, Troy Anthony [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2014
1143961	Mechanical Behavior of Carbon Nanotubes: from a Single Tube towards Complex Networks	Pathak, Siddhartha [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/21/2014
1143962	Develop Multiple Applications using Ultra-High Throughput Droplet-based Microfluidic Platform	Liaw, Steven S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/21/2014
1148302	Rethinking the Unthinkable	Hawkins, Houston T. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2014
1148303	Using a Microfluidic Approach to Analyze Bacteria Growth and Antibiotic Response	Sward, Jeffrey Aaron [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2014
1148317	Monte Carlo Methods	Vogel, Thomas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2014
1148318	Updated Delayed Neutron Counting Test Suite Comparisons from RMCC and MCNP6 Version 1 Release	Sellers, Madison [Los Alamos National Laboratory]; Beames-Canivet, T.L. [Royal Holloway College, University of London]	TR	LANL	Los Alamos National Laboratory (LANL)	7/23/2014
1148310	Muon Tomography	Elmblad, Joey B [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2014
1148311	Droplet Based Microfluidics	Liaw, Steven S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2014
1148312	Microfluidic Design and Manufacture Using Laser Engraving & Cutting Technology	Tkach, Louis Patrick [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2014
1148320	Groundwater briefing for David Klaus	Jones, Patricia B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/24/2014

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1148314	Remediation of RDX in Groundwater Fact Sheet	Clayton, Brian Alan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2014
1134771	Evaluation of the Effect of Elevated Temperatures on the Waste Containers in Room 7 of Panel 7 to Determine if an	Chancellor, Christopher J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2014
1148305	Examining the evolution towards turbulence through spatio-temporal analysis of multi-dimensional structures formed	Merritt, Elizabeth Catherine [Los Alamos National Laboratory]; Doss, Forrest William [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2014
1148306	Ice Sheets and Sea-Level Rise in Earth System Models	Price, Stephen F. Dr [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2014
1148309	Fehmpytests: Developing a Usable and Modular Test Suite for FEHM	Lange, Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2014
1148965	Q-Spectroscopy	Hoover, Andrew Scott [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148966	MPA Materials Matter July 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148967	Chemical Condensation During Planet Formation	Andrews, Sydney Jane [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148970	Chemical Condensation During Planet Formation: Modeling Parameters	Andrews, Sydney Jane [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148971	Crosstalk between magnetic fields in ferromagnetic materials	Ekdahl, Carl August Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148959	Improving Memory Error Handling Using Linux	Carlton, Michael Andrew [Los Alamos National Laboratory]; Blanchard, Sean P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2014
1148961	Updates to Risk Ranking Algorithm for Repackaging Prioritization of LANL Nuclear Material Storage Containers	Hoffman, Jenifer Ann [Los Alamos National Laboratory]; Prochnow, David Adrian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/31/2014
1148943	Rossi Alpha Method	McKenzie, George Espy IV [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/1/2014
1148946	MPA, Materials Physics and Applications	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/1/2014
1148947	Manipulation of Electromagnetic Fields with Plasmonic Nanostructures and Metamaterials	Grady, Nathaniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2014
1148948	Structure determination with weak anomalous data	Terwilliger, Thomas Charles [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2014
1148949	Understanding Host Pathogen Interactions: a Foundation for Advanced Therapeutics	Ribeiro, Ruy Miguel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2014
1148954	Non-LTE Opacity Computation on GPUs	Holladay, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2014
1148956	Quantitative MD simulations to assess UO2 thermal conductivity as a function of burnup	Liu, Xiang-Yang [Los Alamos National Laboratory]; Andersson, Anders David Ragnar [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2014
1148950	Design of Performance Analysis of Virtual Systems for Cross Platform Testing	Nielsen, Roy S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2014
1150686	Everything Safety: Technical Terms to ESD Experiments	Wilson, Issa Sylvan [Los Alamos National Laboratory]; Varela, Jeanette Judith [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2014
1150688	MCNP modeling of the Starostov et al. PFNS measurements	Taddeucci, Terry Nicholas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/8/2014
1150675	Accelerated Testing Validation	Mukundan, Rangachary [Los Alamos National Laboratory]; Borup, Rodney L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/11/2014
1149974	Add-a-Source Technique	Frame, Katherine Chiyoko [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2014
1150683	TossIT Mobile App Overview	Caffrey, Josephine [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2014
1150684	P2 Toolkit Presentation	Poff, Benjamin R. [Los Alamos National Laboratory]; Haagenstad, Julia Marie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2014
1150685	Infrasound Overview	Arrowsmith, Stephen John [Los Alamos National Laboratory]; Whitaker, Rodney W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/12/2014
1149977	The Arc of Women at LANL	Sauer, Nancy N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/13/2014
1149978	User Manual for Whisper (v1.0.0), Software for Sensitivity- and Uncertainty-Based Nuclear Criticality Safety Validation	Kiedrowski, Brian Christopher [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/13/2014
1149967	Small Burst Data (SBD) Satellite Communications	Saari, Alexandra [Los Alamos National Laboratory]; Proicou, Michael Chris [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/14/2014
1149968	Small burst data (SBD) satellite communications	Saari, Alexandra [Los Alamos National Laboratory]; Frigo, Janette Rose [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/14/2014
1150663	Accident Tolerant Fuel and Cladding Assessment	Galloway, Jack D. [Los Alamos National Laboratory]; Unal, Cetin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/20/2014

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1150665	Enhancement and Suppression of Photocurrent in Si Photodiodes by Nanoparticles and Nonlinear Terahertz	Grady, Nathaniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/20/2014
1150672	Marble Brief Overview	Douglas, Melissa Rae [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/20/2014
1150666	A Proposal for Surveillance Metric M2 When There Is No Requirement	Hamada, Michael Scott [Los Alamos National Laboratory]; Hills, Charles Robert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2014
1150658	Physics Flash August 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2014
1150659	Automatic Generation of Dendritic Meshes using Paving Techniques	Delaney, Tristan Joseph [Los Alamos National Laboratory]; Kenamond, Mark Andrew [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2014
1150673	User Interface for Electron Transport in Electromagnetic Fields in MCNP6	Hughes, Henry Grady III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/25/2014
1150674	Ceramic Fuel Development Accomplishments / Planning	McClellan, Kenneth James [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/25/2014
1150662	Final evaluated 239Pu(n500keV,f) PFNS and uncertainties and test evaluations	Neudecker, Denise [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/26/2014
1159042	CSR for drift	Pang, Xiaoying [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/26/2014
1159043	Hard edge dipole for OPAL	Pang, Xiaoying [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2014
1159044	Technical Assistance for Remote Sensor Placement Related Projects for Structural Health Monitoring	Milenski, Helen Marie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2014
1159046	The Predicted Pressure-Time History of the Small Experiment Confinement Vessel (SECV) Incorporated Into the Experimental Design	Valdiviez, Robert [Los Alamos National Laboratory]; Vance, Marion Walter [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2014
1159052	Residual Stress measurements in thin composite plates using the hole drilling technique	Steinzig, Michael L. [Los Alamos National Laboratory]; Broetto, Filipe [LANSCE-LC]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2014
1148945	Numerical Simulation of Mixing Layers Involving Two Fluids of Different Densities	Baltzer, Jon Ronald [Los Alamos National Laboratory]; Livescu, Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2014
1159055	High Explosive Fabrication at Los Alamos National Laboratory	Larson, Sheldon Arthur [Los Alamos National Laboratory]; Morris, John Scott [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2014
1159058	MST e-News September 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2014
1159047	LANL Spectroscopic Modeling of Outputs	Hakel, Peter [Los Alamos National Laboratory]; Timmermans, Eddy Marcel Elvire [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/30/2014
1159048	Los Alamos in Space	Funsten, Herbert O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/30/2014
1154981	Script for RocketFest 2014	Fenimore, Edward E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/2/2014
1154983	Determination of the Limit of Detection of the Turner Biosystems Modulus Fluorimeter for Comparison with the Turner 2300 Fluorimeter	Castro, Alonso [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2014
1154986	Analytical Results from the Area G Nitrate Salt Samples Submitted to C-AAC	Drake, Lawrence Randall [Los Alamos National Laboratory] (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2014
1154987	Overview and recent progress of the Magnetized Shock Experiment (MSX)	Weber, Thomas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2014
1154988	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in Soils within Tract A-5-2	Whicker, Jeffrey Jay [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2014
1154989	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in soils within Tract A-5-3	Whicker, Jeffrey Jay [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2014
1154965	CNLS Town Hall	Shlachter, Jack S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154967	TAB Models for Liquid Sheet and Ligament Breakup	Andrews, Malcolm John [Los Alamos National Laboratory]; Preston, Dean Laverne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154969	How To Create Charts In Microsoft Sharepoint 2010	Bingman, James Boyd Dustin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154970	OCMIS User Guide	Bingman, James Boyd Dustin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154971	2014 Final Reports from the Los Alamos National Laboratory Computational Physics Student Summer	Runnels, Scott Robert [Los Alamos National Laboratory]; Ho, Andrew [University of Washington]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154959	A New On-the-Fly Sampling Method for Incoherent Inelastic Thermal Neutron Scattering Data in MCNP6	Pavlou, Andrew Theodore [Los Alamos National Laboratory]; Brown, Forrest B. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014
1154961	Increased Efficiency and Functionality Inside the Moment-Based Accelerated Thermal Radiation Transport Algorithm	Willert, Jeffrey Alan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014
1154963	Modeling Inside Storage Temperatures from Outside Weather Service Temperatures	Ticknor, Lawrence O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014

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1154972	Simulator for an Accelerator Driven Fissile Solution System-Notional Design	Klein, Steven Karl [Los Alamos National Laboratory]; Day, Christy M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014
1154973	Surveillance Metrics at LANL: An Overview	Abes, Jeff I. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014
1154977	Operating Characteristics of Accelerator-Driven Fissile Solution Systems	Klein, Steven Karl [Los Alamos National Laboratory]; Kimpland, Robert Herbert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/8/2014
1156838	LANL's Safety Culture Plan 2014: Sustaining and Improving Our Safety Culture (with attachments)	Sharp-Geiger, Raeanna Racine [Los Alamos National Laboratory]; Hardy, Matthew Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2014
1154978	Stand-Alone Dynamic System Simulation of Fissile Solution Systems	Klein, Steven Karl [Los Alamos National Laboratory]; Determan, John C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2014
1156832	A Phasing Strategy for Enabling New Science in LANSCE Area A	Garnett, Robert W. [Los Alamos National Laboratory]; Schoenberg, Kurt F. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2014
1156835	Verification of the MCNP6 FMESH Tally	Swift, Alicia L. [Los Alamos National Laboratory]; McKigney, Edward Allen [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2014
1156840	Hot Press & Furnace Line Execution Strategy	Martinez, Danny Alex [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2014
1156847	Proceedings of the Workshop on the Structural Cracking of the Cupola of Santa Maria del Fiore	De Lorenzi-Venneri, Giulia [Los Alamos National Laboratory]; Lee, Richard Cacy [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2014
1156848	Information Provided to NMED and Meetings Held Associated with Nitrate Salt-Bearing Waste	Vigil-Holterman, Luciana R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2014
1156849	ARIES Oxide Production Program Monthly Report - July 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/12/2014
1156844	National Security Education Center: Update on Engineering Institute Activities	Farrar, Charles Reed [Los Alamos National Laboratory]; Mascarenas, David Dennis Lee [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/15/2014
1156846	ARIES Oxide Production Program Quarterly Report - April through June 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/15/2014
1156833	Ice Sheets and Sea-Level Rise in Earth System Models	Price, Stephen F. Dr [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2014
1156834	Investigation of light-matter interactions: Photoluminescence properties of individual quantum dots	Ma, Xuedan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2014
1159059	An Introduction to Equation of State & Shock Physics Research	Crockett, Scott [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/18/2014
1159087	Report on casting modeling and simulation	Unal, Cetin [Los Alamos National Laboratory]; Carlson, Neil N. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/18/2014
1159062	Failure (Escape of Fluids) of Wellbore Systems	Carey, James William [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/19/2014
1150664	The rate-independent elastic-plastic dynamic sphere test problem	Chabaud, Brandon Michael [Los Alamos National Laboratory]; Brock, Jerry Steven [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2014
1159064	Developing a Method for Unique Identification of Used Fuel Storage Casks Using Neutrons	Rauch, Eric Benton [Los Alamos National Laboratory]; Demuth, Scott Francis [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2014
1159065	Recycling at Los Alamos National Laboratory	Montalvo, Maryrose L. [Los Alamos National Laboratory]; Treasure, Jeffrey L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2014
1158822	Fielding of the newest Gas Cherenkov Detector (GCD-3) at OMEGA	Herrmann, Hans W. [Los Alamos National Laboratory]; Kim, Yong Ho [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/23/2014
1159085	Uncertainties of Gamma-Ray Flux into 4Pi	Karpus, Peter Joseph [Los Alamos National Laboratory]; Stange, Sy [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/23/2014
1159086	Pulsed Plasma Transit System (PPTS) Shield Scoping	Poston, David Irvin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/23/2014
1158825	KPE C-10 L2 Milestone Review	Herrmann, Hans W. [Los Alamos National Laboratory]; Kim, Yong Ho [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/24/2014
1158833	2014 U.S. DRIVE Highlight - Local ALE Method or Moving Parts in Engine Simulations	Carrington, David Bradley [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/24/2014
1158835	MPA Materials Matter September 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2014
1158836	2014 Hazmat Challenge Evaluation Forms	Rittner, Christian Michael [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2014
1158837	Advanced Computing Solutions Overview	McPhall, Aaron J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/25/2014
1158838	ARIES Oxide Production Program Monthly Report - August 2014	Kelley, Evelyn A. [Los Alamos National Laboratory]; Dinehart, Steven Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2014
1158827	Brillouin Spectroscopy and Nanoindentation of Organic Crystals	Rutherford, Michael E [University of Edinburgh]; Bolme, Cynthia Anne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/28/2014
1158828	LANL12-RS-108J Device Modeler Tool Kit - DMTK Final Report for FY14	Temple, Brian Allen [Los Alamos National Laboratory]; Pimentel, David A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/28/2014

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1158820	RF fields in LANSCE DTL tanks	Kurennoy, Sergey S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/29/2014
1159193	Uranium Oxide Solar Cell	Usov, Igor Olegovich [Los Alamos National Laboratory]; Sykora, Milan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2014
1159214	Durability Improvements Through Degradation Mechanism Studies	Borup, Rodney L. [Los Alamos National Laboratory]; Mukundan, Rangachary [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2014
1159215	Los Alamos National Laboratory Fuel Cell Program	Mukundan, Rangachary [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2014
1159217	An Information Theoretic Approach to Use High-Fidelity Codes to Calibrate Low-Fidelity Codes	Lewis, Allison [North Carolina State University]; Smith, Ralph [North Carolina State University]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2014
1159194	FY14 Annual Report for NA-22 Project LA14-FY14-027-PD2Jb "Developing Accurate Simulations of Correlated Data"	Talou, Patrick [Los Alamos National Laboratory]; Vogt, Ramona [Lawrence Livermore National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2014
1159195	Development of Nanocrystalline Inorganic Materials for Energy Generation and Storage Applications	Ramasamy, Karthik [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2014
1159196	Beyond the doses: Rethinking the Effects of Nuclear Disasters on Human Health & Perspectives from the Fukushima Accident	Gillis, Jessica McDonnell [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2014
1159202	The Standard Model and Beyond with Ultracold Neutrons	Broussard, Leah Jacklyn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2014
1159203	MCNP6 Dose Calculations for the Carousel in the LDRGIF Using an AmBe Source	Brewer, Roger Wayne [Los Alamos National Laboratory]; Temple, Brian Allen [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/2/2014
1159205	NNSA/LANL Los Alamos Canyon Bridge Executed Projects, FY 2014	Rodarte-Romero, Crystal Jalynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/2/2014
1159223	High Explosive Science & Technology at Los Alamos National Laboratory	Brown, Geoffrey Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/3/2014
1159199	(U) Parallelization of Cylindrical Ray-Tracing in INVERSE	Favorite, Jeffrey A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/6/2014
1159208	Report on CVD processing of Mo Tubing	Devlin, David James [Los Alamos National Laboratory]; Usov, Igor O. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/6/2014
1159209	The Follow-Up Crisis: Optimizing Science in an Opportunity-Rich Environment	Vestrand, W. Thomas [Los Alamos National Laboratory]; Wozniak, Przemyslaw R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/6/2014
1159210	FY14.CASL.012, L2:MPO.P9.03 Demonstration of Atomistically-Å-informed Multiscale Zr Alloy Deformation	Stanek, Christopher Richard [Los Alamos National Laboratory]; Tome, Carlos [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/6/2014
1159212	Parallel Programming and Compressed Material Data for an Eulerian Code	Calef, Matthew Thomas [Los Alamos National Laboratory]; Wohlbiel, John Greaton [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/6/2014
1159200	Q&P Processing of 0.2C-1.54Mn-1.48Cr-1.30Si	Coughlin, Daniel Robert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/7/2014
1159201	Modeling the impact of spatial heterogeneity, behavior change, and mitigations on the current Ebola epidemic	McMahon, Benjamin Hamilton [Los Alamos National Laboratory]; Fenimore, Paul W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/7/2014
1158834	DARHT Axis II Cathode 12-16 Lifetime Limitations	Smith, Horace Vernon [Los Alamos National Laboratory]; Barraza, Juan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2014
1159534	Selection and Documentation of Precariously Balanced Rocks in the Vicinity of Los Alamos National Laboratory for Dynamic Testing at the University of Texas, El Paso	Miller, Elizabeth D. [Los Alamos National Laboratory]; Schultz-Fellenz, Emily S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/8/2014
1159538	Los Alamos National Laboratory Overview	Blanchard, Aimee Kate [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/9/2014
1159562	Klaus Fuchs: The Second Confession	Meade, Roger Allen [Los Alamos National Laboratory]; Meade, Linda S. [LANL, retired]	TR	LANL	Los Alamos National Laboratory (LANL)	10/10/2014
1159564	Neutron Propagation in Atmosphere	Leacock, John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/10/2014
1159579	Diagnosing the DARHT Axis-I beam from source to target	Coleman, Joshua Eugene [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/10/2014
1159566	Relativistic Magnetic Reconnection: A Powerful Cosmic Particle Accelerator	Guo, Fan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/13/2014
1159567	SHINE SE Experiment Thermal Model Development	Buechler, Cynthia Eileen [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/14/2014
1160095	Mechanical Requirements and Testing Procedure for the Target and Window	Woloshun, Keith Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/14/2014
1160096	Target Quick Release Design Report	Woloshun, Keith Albert [Los Alamos National Laboratory]; Naranjo, Angela Carol [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/14/2014
1160110	China Center of Excellence Nondestructive Assay Training Course	Santi, Peter A. [Los Alamos National Laboratory]; Miller, Karen Ann [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160112	LANL Summer Internship 2014	Grosset, Andre [SCI Institute, University of Utah]; Jungmans, Christoph [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160115	Survey of Chloride Concentrations in Formation (Pore) Waters of Crystalline Rocks and Shale	Perry, Frank V. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014

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1160117	IPOD Specification	Parker, Robert Francis [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160118	Neutron Imaging to optimize PEM Fuel Cell Performance	Mukundan, Rangachary [Los Alamos National Laboratory]; Borup, Rodney L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160119	Summary of MC&A Performance Testing Completed under Contract N43	Hogan, Kevin Brian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160120	Direct multiscale embedding of viscoplastic self-consistent (VPSC) polycrystal plasticity enabled by adaptive sampling	Barton, Nathan [Lawrence Livermore National Laboratory]; Lebensohn, Ricardo A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/16/2014
1160099	Power and Power Factor Measurements on the Induction Heating System at TA-46	Esch, Ernst Ingo [Los Alamos National Laboratory]; Goettee, Jeffrey David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/17/2014
1160100	Trinity Advanced Technology System Overview	Vigil, Benny Manuel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/20/2014
1160102	Avian Monitoring at the TA-36 Minie Site, TA-39 Point 6, and TA-16 Burn Ground at Los Alamos National Laboratory	Hathcock, Charles Dean [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/20/2014
1160103	(U) Basic materials characterization and water uptake investigations in CeO2 and Ta2O5 ceramic powders	Brosha, Eric Lanich [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/20/2014
1160105	The Enduring Power of Bad Ideas: "Cold Start" and Battlefield Nuclear Weapons in South Asia	Sankaran, Jaganath [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/20/2014
1133759	Structure solution with weak anomalous data	Terwilliger, Thomas C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/21/2014
1160106	LANL 2013 Annual Site Environmental Report - Bradbury Brown Bag Presentation	Loftin, Samuel R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/21/2014
1160108	Neutron-induced reaction studies at the Los Alamos Neutron Science Center	Mosby, Shea Morgan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/21/2014
1160109	Spill Prevention, Control and Countermeasures Plan (SPCC) TA-48/Los Alamos Radiochemistry Facility	Schoenberg, Kari Marie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/21/2014
1162153	Next Generation Safeguards Initiative Efforts at Los Alamos National Laboratory: Developing Our Human Capital FY2014	Boyer, Brian David [Los Alamos National Laboratory]; Scherer,Carolynn P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/22/2014
1162149	Analysis of Sample DUM002 (INL pin casting, 800C/48 hr, 500C 8 hr)	Dickerson, Robert Michael [Los Alamos National Laboratory]; Dickerson, Patricia O'Donnell [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2014
1162150	Threat Network: Network of Networks Graphic	Sentz, Kari [Los Alamos National Laboratory]; Green, Jacob Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2014
1162151	Production Facility Beam Line Design Report	Bishofberger, Kip A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2014
1162147	FY14 Report: Lattice Boltzmann Modeling of Microreactor Systems	Roberts, Randy Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/27/2014
1162148	TA51 HQ Site Tour Briefing	Bryan-Ricketts, Debra S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/27/2014
1163265	Physics Flash October 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/29/2014
1163266	Course Overview and Objectives	Santi, Peter Angelo [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/29/2014
1160114	Energy Dependence of Fission Product Yields for 239Pu, 235U, and 238U	Tornow, Werner [Duke University]; Bredeweg, Todd Allen [Los Alamos National Laboratory]; Warkentin, Brian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2014
1163254	Technical Report on the Status of Nonlinear Ultrasonic Techniques for Non-Destructive Inspection	Anderson, Brian Eric [Los Alamos National Laboratory]; Remillieux, Marcel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2014
1163257	Computational Multiphysics at Scale	Calef, Matthew Thomas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2014
1163632	FY2014 CERAMIC FUELS DEVELOPMENT ANNUAL HIGHLIGHTS	McClellan, Kenneth James [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2014
1163634	Roadmap to MaRIE	Barnes, Cris William [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2014
1163637	Gaining Insight from Data by Learning Graphical Model Structure	Oyen, Diane Adele [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/5/2014
1163629	LDRD Impacts on Mission	Burns, Carol Jean [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/6/2014
1163623	Stability of Fissile Solution Systems	Klein, Steven Karl [Los Alamos National Laboratory]; Kimpland, Robert Herbert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2014
1163630	Evaluation of Two Devices for Electron Beam Profiling	Pierce, Stanley W. [Los Alamos National Laboratory]; Burgardt, Paul [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/7/2014
1163626	Synthesis and Lithography of Colloidal Nanomaterials	Dawood, Farah [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/10/2014
1163627	Comparison of Background Radiation Effective Dose Rates for Residents in the Vicinity of a Research and Nuclear Waste Storage Facility (The Research and Nuclear Waste Storage Facility)	Gillis, Jessica McDonnell [Los Alamos National Laboratory]; Whicker, Jeffrey Jay [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/10/2014



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1164009	Modeling Molten Molecular Mixtures	Meyer, Edmund Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/12/2014
1164011	A Review of "Fission Signatures for Nuclear Material Detection"	Swift, Alicia L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2014
1164012	LX-07 Quasi-Static Compression Tests	Thompson, Darla Graff [Los Alamos National Laboratory]; DeLuca, Racci [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2014
1164021	Conditions on Transmission Measurements I: When Does Secondary Scattering Interfere with the Measurement?	Wood, William Monford [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2014
1164022	Conditions on Transmission Measurements II: When Can a Broadband Illumination Be Considered Monochromatic?	Wood, William Monford [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/13/2014
1164020	Brine migration experimental studies for salt repositories	Caporuscio, Florie Andre [Los Alamos National Laboratory]; Boukhalfa, Hakim [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/14/2014
1164025	Impact of covered PBX-9502 with a 2-inch steel sphere: data summary	Marr-Lyon, Mark [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/14/2014
1164426	Laser-Induced Breakdown Spectroscopy (LIBS): Applications to Analysis Problems from Nuclear Material to Plant Materials for Sustainable Agriculture	Barefield, James E. [Los Alamos National Laboratory]; Judge, Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/18/2014
1160113	KIVA Development 2014	Carrington, David Bradley [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164424	Molecular dynamics simulations and experimental measurements of UO2 and UO2+x thermal conductivity	Andersson, Anders David Ragnar [Los Alamos National Laboratory]; Liu, Xiang-Yang [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164428	Data Processing for Energetic Particle Measurements from the Global Positioning System (GPS) constellation	Morley, Steven Karl [Los Alamos National Laboratory]; Sullivan, John P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164429	CECAM Workshop Scientific Report: Gutzwiller Wave Functions and Related Methods	C. Attacalite, C. [Neel Institute]; Julien, J.-P. [University Joseph Fourier]; Kress, Joel David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164431	Feasibility Study for Electrical Discharge Machining of Large DU-Mo Castings Interim Report	Hill, Mary Ann [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164432	User Guide for the LSP-Slice PIC code	Ekdahl, Carl August Jr. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164433	Remediated Nitrate Salt Container Headspace Gas Sample Analysis Results-Graphs of All containers	Frederici, David E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164434	Remediated Nitrate Salt Container Headspace Gas Sample Analysis Versus Temperature-Graphs of All Containers	Frederici, David E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164436	Environmental Radiation Protection Policy P412	Whicker, Jeffrey Jay [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164463	Lean Six Sigma Yellow Belt Certification	Singledecker, Steven John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164464	Lean Six Sigma Yellow Belt Process Management System	Singledecker, Steven John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164465	Reduce Cycle Time for Critical Waste Container Purchasing	Singledecker, Steven John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/19/2014
1164459	Determination of Equilibrium Electron Temperature and Time using an Electron Swarm Model with Updated Scaling Parameters and Data Coefficients	Pusateri, Elise Noel [Los Alamos National Laboratory]; Morris, Heidi Ellen [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/20/2014
1164466	Seismic Imaging with Elastic Reverse-Time Migration	Chen, Ting [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/20/2014
1164467	252Cf-based neutron measurements and Monte Carlo calculations for DHS-DNDO in support of ANSI Standard N43.22	Seagraves, David Troy [Los Alamos National Laboratory]; Mclean, Thomas Donaldson [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/20/2014
1162152	Fiscal Year 2014 Report	Kerby, Leslie Marie [Los Alamos National Laboratory]; Mashnik, Stepan Georgievich [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1163624	"First Light" Experimental Results: Notes on Progress	Swift, Alicia L. [Los Alamos National Laboratory]; Schirato, Richard C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1164439	Fieldable Impulsive Source and Timer (FIST)	Ho, Cheng [Los Alamos National Laboratory]; Frigo, Janette Rose [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1164440	Feasibility of Renewable Energy Development at Arch Hurley Conservancy District	Booth, Steven Richard [Los Alamos National Laboratory]; Toole, Gasper Loren [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1164461	The Sm2 ratio for evaluating neutron multiplicity models.	Smith-Nelson, Mark A. [Los Alamos National Laboratory]; Hutchinson, Jesson D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1164462	Demonstration of On-the-Fly Generation of Unresolved Resonance Region Cross Sections in a Monte Carlo Transport Code	Walsh, Jonathan A. [MIT]; Kiedrowski, Brian Christopher [Los Alamos National Laboratory]; Fournier, David [MIT]; Smith, Keith [LANL]	TR	LANL	Los Alamos National Laboratory (LANL)	11/21/2014
1164442	Local target shielding	Mocko, Michal [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/23/2014
1164443	Radiation hardness testing for cameras utilized in Mo-99 production facility	Mocko, Michal [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/23/2014
1164445	Helium Loop Cooling Channel Hydraulic Characterization	Olivas, Eric Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014

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1164446	Target Removal and Conveyance System Design Report	Woloshun, Keith Albert [Los Alamos National Laboratory]; Dale, Gregory E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164447	DELTA Loop Corrosion Study Operations	Woloshun, Keith Albert [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164448	Conduct of Operations Universal Concepts for Excellence	Dye, Arthur A. [Los Alamos National Laboratory]; Richardson, Charles R. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164449	The Role of Protein Fluctuation Correlations in Electron Transfer in Photosynthetic Complexes	Nesterov, Alexander I. [Departamento de Física, CUCEI, Universidad de Guadalajara, Jalisco, Mexico]; Roman, Gabriel; Patsenker, Alexander	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164450	Accelerator Production of Tritium: A Review and Look Ahead	Lisowski, Paul W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164451	Conclusions of Arch Hurley Conservancy District Irrigation Project--Summary	Dinehart, Timothy Grant [Los Alamos National Laboratory]; Booth, Steven Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/24/2014
1164453	The Industrial Hygienist's Role in Determination of an Employee's Enrollment in the Hearing Conservation	Lopez, Tammy Ann [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2014
1164454	Radioactive Liquid Waste Treatment Facility Discharges in 2013	Del Signore, John C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2014
1164455	Defense Systems and Analysis Division Overview November 2014	Cremer, Charles David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2014
1164456	The Industrial Hygienist's Role in the Determination of an Employee's Enrollment in the Hearing Conservation	Lopez, Tammy Ann [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2014
1164458	Determining the Pu Mass in LEU Spent Fuel Assemblies: Focus on Differential Die-Away Technique (Expanded)	Henzl, Vladimir [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/25/2014
1164722	Effective fission gas diffusivity study using First Passage Monte Carlo	Andersson, Anders D. [Los Alamos National Laboratory]; Schwen, Daniel [Idaho National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2014
1164723	75K Leak Test of October 2014	Del Signore, John C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2014
1164764	IPF Rastering Studies	Kolski, Jeffrey S. [Los Alamos National Laboratory]; Batygin, Yuri Konstantinovich [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/26/2014
1164724	MPA Materials Matter December 2014	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164765	Hydrogen Measurement during Steam Oxidation Using Coupled TGA and QMS	Parkison, Adam J. [Los Alamos National Laboratory]; Nelson, Andrew Thomas [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164766	An Overview of Community-Based Suicide Prevention Strategies	Enriquez, Elisa E [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164767	Active and passive meta-surfaces and their interaction with terahertz waves	Azad, MD Abul Kalam [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164768	Energy Signatures Optimizing Production and Mitigating Impacts	Smith, Joshua E. [Los Alamos National Laboratory]; Hickmott, Donald Degarmo [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164769	NA-243 ANNUAL REPORT 24.3.1.2.33 Internal and Interagency Workshops on the Warhead Measurement	Smith, Morag Kristin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/1/2014
1164018	ASC Simulation-Setup Contour-File Specification	Frey, Lucille Helen [Los Alamos National Laboratory]; Mcnamara, Guy Robin [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/2/2014
1164771	FCRD Ceramic Fuels Development Overview	Mcclellan, Kenneth James [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/2/2014
1164772	Postdoc Programmatic Capability Awareness Workshop	Eaton, Stacey Lee [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/2/2014
1164774	Evaluation of Differential Die-Away Technique Potential in Context of Non-Destructive Assay of Spent Nuclear Fuel	Henzl, Vladimir [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/2/2014
1165171	MPI Global Exception Model and ULFM Reconciliation	Pritchard, Howard P. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/3/2014
1165172	Particle acceleration during magnetic reconnection in highly magnetized plasmas	Guo, Fan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/4/2014
1165179	Dendritic Paving Ideas	Kenamond, Mark Andrew [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/5/2014
1165175	Novel Magnetic States in the Heavy-Fermion Quantum-Critical Material CeRhIn5 at High Magnetic Fields Studied by	Mounce, Andrew M. [Los Alamos National Laboratory]; Thompson, Joe David [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/8/2014
1165178	External and Internal Nuclear Material Transactions - US Approach	Hogan, Kevin Brian [Los Alamos National Laboratory]; Martinez, Benny Joe [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/9/2014
1166799	Uranium Concentration Measurement Technique Viability Analysis	May, Iain [Los Alamos National Laboratory]; Colletti, Lisa Michelle [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/23/2014
1113788	Accelerated Aging of BKC 44306-10 Rigid Polyurethane Foam: FT-IR Spectroscopy, Dimensional Analysis, and Micro	Gilbertson, Robert D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	1/2/2014
1113787	Statistics of scattered photons from a driven three-level emitter in 1D open space	Roy, Dibyendu [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)].	TR	LANL	Los Alamos National Laboratory (LANL)	1/7/2014

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1114398	Achieving Robustness to Uncertainty for Financial Decision-making	Barnum, George M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Van	TR	LANL	Los Alamos National Laboratory (LAN	1/10/2014
1114399	LABORATORY DEMONSTRATION OF A MULTISENSOR UNATTENDED CYLINDER VERIFICATION STATION FOR	Goodman, David I [Univ. of Michigan, Ann Arbor, MI (United States)]; Rowland, Kelly L	TR	LANL	Los Alamos National Laboratory (LAN	1/10/2014
1114456	Thermal and Physical Properties of Plutonium Dioxide Produced from the Oxidation of Metal: a Data Summary	Wayne, David M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	1/13/2014
1114410	Ion irradiation testing of Improved Accident Tolerant Cladding Materials	Anderoglu, Osman [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	1/14/2014
1114411	Geometrically induced surface polaritons in planar nanostructured metallic cavities	Davids, P. S. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Intravia, F	TR	LANL	Los Alamos National Laboratory (LAN	1/14/2014
1114412	Efficient Algorithm for Locating and Sizing Series Compensation Devices in Large Transmission Grids: Model	Frolov, Vladimir [Moscow Inst. of Physics and Technology (MIPT), Moscow (Russian	TR	LANL	Los Alamos National Laboratory (LAN	1/14/2014
1114413	Efficient Algorithm for Locating and Sizing Series Compensation Devices in Large Transmission Grids:	Frolov, Vladimir [Moscow Inst. of Physics and Technology (MIPT), Moscow (Russian	TR	LANL	Los Alamos National Laboratory (LAN	1/14/2014
1115552	Monitoring Sensitive Bat Species at Los Alamos National Laboratory	Schoenberg, Kari M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	1/15/2014
1115554	Development of improved ATF engineering alloy - Mechanical testing of initial alloy	Anderoglu, Osman [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	1/15/2014
1122053	SWEIS Yearbook-2012 Comparison of 2012 Data to Projections of the 2008 Site-Wide Environmental Impact	Mahowald, Hallie B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	1/16/2014
1115551	Characterization of the NPOD3 Detectors in MCNP5 and MCNP6	Clark, Kimberly L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	1/21/2014
1116688	Nuclear Data	White, Morgan C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	1/23/2014
1116693	Two LANL laboratory astrophysics experiments	Intrator, Thomas P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	1/24/2014
1116681	Radiochemical Mix Diagnostic in the Presence of Burn	Hayes, Anna C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	1/28/2014
1119584	Filter Measurement System for Nuclear Material Storage Canisters. End of Year Report FY 2013	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	2/3/2014
1119802	A Strength Model and Service Envelope for PBX 9501	Stevens, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	2/5/2014
1119805	Advancing the Fundamental Understanding of Fission: 2014 LDRD 20120077DR Review	White, Morgan C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	2/6/2014
1120720	UNIVERSALITY OF PHASE TRANSITION DYNAMICS: TOPOLOGICAL DEFECTS FROM SYMMETRY BREAKING	Zurek, Wojciech H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Del	TR	LANL	Los Alamos National Laboratory (LAN	2/13/2014
1120714	The Third Way of Thermal-Electric Conversion beyond Seebeck and Pyroelectric Effects	Ren, Jie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	2/14/2014
1121302	Material for Point Design (final summary of DIME material)	Bradley, Paul A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	2/25/2014
1122061	Develop and Manufacture an airlock sliding tray	Lawton, Cindy M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	2/26/2014
1122031	Calibrating the Abaqus Crushable Foam Material Model using UNM Data	Schembri, Philip E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lewis,	TR	LANL	Los Alamos National Laboratory (LAN	2/27/2014
1122036	SAVV-4000 Surveillance and Life Extension Program Fiscal Year 2013 Annual Report	Stone, Timothy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Blair,	TR	LANL	Los Alamos National Laboratory (LAN	3/3/2014
1122886	Need for an $(n, \bar{n})$ Apparatus at the LANSCE	Koehler, Paul E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	3/5/2014
1122903	Update on Fabrication of Extrusions for TREAT Trade Study	Luther, Erik Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	3/5/2014
1122905	Total Cross Sections as a Surrogate for Neutron Capture: An Opportunity to Accurately Constrain $(n, \bar{n})$ Cross Sections	Koehler, Paul E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	3/5/2014
1122894	Evaluation of LANL Capabilities for Fabrication of TREAT Conversion Fuel	Luther, Erik Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	3/6/2014
1122908	Design Optimization of Structural Health Monitoring Systems	Flynn, Eric B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	3/6/2014
1123773	New Opportunity for Improved Nuclear Forensics, Radiochemical Diagnostics, and Nuclear Astrophysics: Need	Koehler, Paul E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hayes-	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2014
1123802	Data Testing Revised $^{235}\text{U}$ , $^{239}\text{Pu}$ and $^{63,65}\text{Cu}$ Files with	Kahler, III, Albert C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leal,	TR	LANL	Los Alamos National Laboratory (LAN	3/13/2014
1123803	Review of Synthetic Methods to Form Hollow Polymer Nanocapsules	Barker, Madeline T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	3/13/2014
1123767	Fast Neutron Detection Evaluation	McKigney, Edward A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	3/17/2014

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1126672	Ranchero Armature Test LA-43-CT-2: PBXN-110 Explosive with no smoothing layer. Lower Slobovia, 6/13/13	Marr-Lyon, Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2014
1126682	First Passage Moments of Finite-State Semi-Markov Processes	Warr, Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cordeiro, Carlos	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2014
1126685	Differential Die-Away Instrument: Report on Initial Simulations of Spent Fuel Experiment	Goodsell, Alison V. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzl, Michael	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2014
1127475	SMIS PBX-9502 Test Report	Marr-Lyon, Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	4/11/2014
1127488	Design and Integrate Improved Systems for Nuclear Facility Ventilation and Exhaust Operations	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2014
1129811	FLAG Simulations of the Elasticity Test Problem of Gavriilyuk et al.	Kamm, James R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129812	On the Equivalence of Trapped Colloids, Pinned Vortices, and Spin Ice	Nisoli, Cristiano [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2014
1129824	Radiological Characterization Technical Report on Californium-252 Sealed Source Transuranic Debris Waste from the Off-Site Source Debris Project at Los Alamos	Feldman, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2014
1130511	Development of an Improved Process for Installation Projects of High Technology Manufacturing Equipment	Quintana, Sarah V. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2014
1130484	Bad Estimates as a Function of Exceeding the MCNP Random Number Stride	Booth, Thomas E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1130485	A Patch to MCNP5 for Multiplication Inference: Description and User Guide	Solomon, Jr., Clell J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2014
1131001	Validation of MCNP6.1 for Criticality Safety of Pu-Metal, -Solution, and -Oxide Systems	Kiedrowski, Brian C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2014
1132547	MAMA Software Features: Quantified Attributes	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2014
1132548	MAMA Software Features: Visual Examples of Quantification	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2014
1132537	MAMA- User Feedback and Training Summary	Porter, Reid B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2014
1132540	MAMA Software Features: Quantification Verification Documentation-1	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2014
1132552	Descriptive Morphology Terms For MAMA software	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2014
1133315	Construction Cost Growth for New Department of Energy Nuclear Facilities	Kubic, Jr., William L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/25/2014
1133316	Classical and quantum temperature fluctuations via holography	Balatsky, Alexander V. [KTH Royal Inst. of Technology, Stockholm (Sweden); Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/27/2014
1133766	Mama Software Features: Uncertainty Testing	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	5/30/2014
1133311	Synthetic Self-Healing Methods	Bello, Mollie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2014
1133748	Quantum Darwinism, Decoherence, and the Randomness of Quantum Jumps	Zurek, Wojciech H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2014
1133758	Building a Community-Focused Data Platform	Turk, Matthew J. [Univ. of Illinois, Urbana-Champaign, IL (United States). National Center for Supercomputing Applications (NCSA)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/10/2014
1134769	MCNP(TM) Release 6.1.1 beta: Creating and Testing the Code Distribution	Cox, Lawrence J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	6/12/2014
1134776	SEM in situ MiniCantilever Beam Bending of U-10Mo/Zr/Al Fuel Elements	Mook, William [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Baldwin, Jonathan	TR	LANL	Los Alamos National Laboratory (LANL)	6/16/2014
1136095	SESAME 96171, a three-phase equation of state for CeO2	Chisolm, Eric D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Day, James	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2014
1136100	Ejecta Particle-Size Measurements in Vacuum and Helium Gas using Ultraviolet In-Line Fraunhofer Holography	Sorenson, Danny S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	6/25/2014
1136107	Tomographic Gamma Scanner Experience: Three Cases	Mercer, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/30/2014
1136092	Comments on Different techniques for finding best-fit parameters	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2014
1136094	The Effect of Ionospheric Models on Electromagnetic Pulse Locations	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	7/1/2014
1130509	Understanding Doppler Broadening of Gamma Rays	Rawool-Sullivan, Mohini [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	7/3/2014
1136454	Seismic and hydroacoustic analysis relevant to MH370	Stead, Richard J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/3/2014

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1136463	Potential hydrogen and oxygen partial pressures in legacy plutonium oxide packages at Oak Ridge	Veirs, Douglas K. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/7/2014
1136467	Exascale Co-design for Modeling Materials in Extreme Environments	Germann, Timothy C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/8/2014
1136936	Quantum Darwinism: Amplification and the Acquisition of Information by Spin Environments	Zwolak, Michael P. [Oregon State Univ., Corvallis, OR (United States) Dept. of Physics];	TR	LANL	Los Alamos National Laboratory (LANL)	7/9/2014
1136938	Evaluated Mean Values and Covariances for the Prompt Fission Neutron Spectrum of <sup>239</sup> Pu induced by 14.7 MeV neutrons	Neudecker, Denise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2014
1136940	Effect of Resolution on Propagating Detonation Wave	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2014
1143957	On the Numerical Dispersion of Electromagnetic Particle-in-Cell Code : Finite Grid Instability	Meyers, Michael David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States);	TR	LANL	Los Alamos National Laboratory (LANL)	7/15/2014
1143955	WASTE ISOLATION PILOT PLANT (WIPP): THE NATIONS' SOLUTION TO NUCLEAR WASTE STORAGE AND DISPOSAL	Lopez, Tammy Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2014
1143985	Analysis of the Reactor Position Independent Monitor (PIM) Diagnostic	Hayes-Sterbenz, Anna Catherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/17/2014
1143989	Evaluating the use of PAO (4 cSt polyalphaolefin) oil instead of DOP (di-octyl phthalate) oil for measuring the aerosol	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/18/2014
1148957	Design of Experiments, Model Calibration and Data Assimilation	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1148964	Data Assimilation - Advances and Applications	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2014
1136458	Neutron Diffraction Measurement of Residual Stresses, Dislocation Density and Texture in Zr-bonded U-10Mo	Brown, Donald W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2014
1150687	Emergent long-range couplings in arrays of fluid cells	Abraham, Douglas Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2014
1150671	On the Use of an ER-213 Detonator to Establish a Baseline for the ER-486	Thomas, Keith A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	8/19/2014
1150667	Plackett-Burman Analysis of Glass Microballoon Filled Syntactic Foams	Keller, Jennie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Smith,	TR	LANL	Los Alamos National Laboratory (LANL)	8/21/2014
1150657	Sylgard® Mixing Study	Bello, Mollie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Welch,	TR	LANL	Los Alamos National Laboratory (LANL)	8/22/2014
1159053	Suppressing Parasitic Effects in a Long Dielectric Wakefield Accelerator	Shechegolkov, Dmitry [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2014
1154980	Techniques for Automated Performance Analysis	Marcus, Ryan C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/2/2014
1159049	A New On-the-Fly Sampling Method for Incoherent Inelastic Thermal Neutron Scattering Data in MCNP6	Pavlou, Andrew Theodore [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	9/2/2014
1159050	Molecular Solid EOS based on Quasi-Harmonic Oscillator approximation for phonons	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/2/2014
1154958	Magnetic field mapping of the UCNTau magneto-gravitational trap: design study	Libersky, Matthew Murray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154966	Fifty-one years of Los Alamos Spacecraft	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2014
1154960	Explosive Products EOS: Adjustment for detonation speed and energy release	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/5/2014
1154976	V&V of MCNP 6.1.1 Beta Against Intermediate and High-Energy Experimental Data	Mashnik, Stepan G [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/8/2014
1156837	Improving the Success Rate of Delivering Annual Occupational Dosimetry Reports to Persons Issued	Mallett, Michael Wesley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/9/2014
1156842	Final report on accident tolerant fuel performance analysis of APMT-Steel Clad/UO <sub>2</sub> , fuel and APMT-Steel Clad/UN-	Unal, Cetin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Galloway,	TR	LANL	Los Alamos National Laboratory (LANL)	9/12/2014
1159088	Differential Die-Away Instrument: Report on Fuel Assembly Mock-up Measurements with Neutron Generator	Goodsell, Alison Victoria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	9/18/2014
1159061	NSR&D FY14 Final Report: Friction/Impact Modeling	Zhang, Duan Zhong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ma,	TR	LANL	Los Alamos National Laboratory (LANL)	9/19/2014
1159063	Differential Die-Away Instrument: Report on Neutron Detector Recovery Performance and Proposed	Goodsell, Alison Victoria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2014
1158841	Chancellor Water Colloids: Characterization and Radionuclide Associated Transport	Reimus, Paul William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LANL)	9/26/2014
1158829	LANL12-RS-108J Report on Device Modeler Testing of the Device Modeler Tool Kit. DMTK in FY14	Temple, Brian Allen [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/28/2014
1159213	Energy Storage	Mukundan, Rangachary [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2014

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1159216	A non-linear constrained optimization technique for the mimetic finite difference method	Manzini, Gianmarco [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	9/30/2014
1159206	Numerical results using the conforming VEM for the convection-diffusion-reaction equation with variable	Manzini, Gianmarco [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	10/2/2014
1159207	The Conforming Virtual Element Method for the convection diffusion-reaction equation with variable coefficients.	Manzini, Gianmarco [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	10/2/2014
1159220	The cause of outliers in electromagnetic pulse (EMP) locations	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/2/2014
1159211	From Pinholes to Black Holes	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/6/2014
1158826	Beam Dynamics for ARIA	Ekdahl, Carl August Jr. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/14/2014
1160097	Anomaly Detection in Dynamic Networks	Turcotte, Melissa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/14/2014
1160101	Using magnetization measurements to detect small amounts of plutonium hydride formation in plutonium	Kim, Jae Wook [Rutgers Univ., New Brunswick, NJ (United States)]; Mielke, Charles H. [Los	TR	LANL	Los Alamos National Laboratory (LAN	10/20/2014
1160104	(U) Equation of State and Compaction Modeling for CeO <sub>2</sub>	Fredenburg, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	10/20/2014
1160107	How Common are Noise Sources on the Crash Arc of Malaysian Flight 370	Fenimore, Edward E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	10/21/2014
1163263	Nuclear Fuel Cycle	Dale, Deborah J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/28/2014
1163262	Ion irradiation testing and characterization of FeCrAl candidate alloys	Anderoglu, Osman [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	10/29/2014
1163255	Simulation of xenon, uranium vacancy and interstitial diffusion and grain boundary segregation in	Andersson, Anders D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tonks,	TR	LANL	Los Alamos National Laboratory (LAN	10/31/2014
1163258	Experiments at Scale with In-Situ Visualization Using ParaView/Catalyst in RAGE	Kares, Robert John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	10/31/2014
1163256	Final Report: Part 1. In-Place Filter Testing Instrument for Nuclear Material Containers. Part 2. Canister Filter Test	Brown, Austin Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	11/2/2014
1163260	That's where the Data is! Why Break into the Office of Personnel Management Systems - Because That Is Where	Belangia, David Warren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	11/3/2014
1163633	Insights on STEM Careers	Wendelberger, Joanne Roth [Los Alamos National Lab. (LANL), Los Alamos, NM (United	TR	LANL	Los Alamos National Laboratory (LAN	11/5/2014
1163636	Statistics, Uncertainty, and Transmitted Variation	Wendelberger, Joanne Roth [Los Alamos National Lab. (LANL), Los Alamos, NM (United	TR	LANL	Los Alamos National Laboratory (LAN	11/5/2014
1163628	Derivation of effective fission gas diffusivities in UO <sub>2</sub> from lower length scale simulations and implementation of	Andersson, Anders David Ragnar [Los Alamos National Lab. (LANL), Los Alamos, NM (United	TR	LANL	Los Alamos National Laboratory (LAN	11/7/2014
1164029	Correcting Quadrupole Roll in Magnetic Lenses with Skew Quadrupoles	Walstrom, Peter Lowell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LAN	11/10/2014
1164026	Final Radiological Assessment of External Exposure for CLEAR-Line Americium Recovery Operations	Davis, Adam C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	11/12/2014
1164016	Ranchero Armature Test LA-19.4-CT-3: PBX-9501 Explosive with no smoothing layer. Firing point 88, 9/16/13	Glover, Brian B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)];	TR	LANL	Los Alamos National Laboratory (LAN	11/13/2014
1164023	On the local non-conforming virtual element spaces	Manzini, Gianmarco [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gyrya,	TR	LANL	Los Alamos National Laboratory (LAN	11/13/2014
1164430	Structural phase transitions and topological defects in ion Coulomb crystals	Partner, Heather L. [Physikalisch-Technische Bundesanstalt, Braunschweig (Germany)];	TR	LANL	Los Alamos National Laboratory (LAN	11/19/2014
1163237	Residential Prosumers: Drivers and Policy Options (Re-Prosumers)	Couture, Toby; Barbose, Galen; Jacobs, David; Parkinson, Giles; Chessin, Emily; Belden, Andy;	TR	LBNL	Meister Consultants Group; Ernest Or	6/19/2014
1164103	Energy Impacts of Oversized Residential Air Conditioners -- Simulation Study of Retrofit Sequence Impacts	Booten, C. [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2014
1117025	10 MW Supercritical CO <sub>2</sub> Turbine Test	Turchi, Craig	TR	NREL	National Renewable Energy Laborato	1/29/2014
1114060	Closer Look Reveals New Insights on Enzymatic Catalysts for H <sub>2</sub> Production (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1114877	National Clean Fleets Partnership (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1114878	Potential Economic Impacts from Offshore Wind in the Mid-Atlantic Region (Fact Sheet)	Keyser, D.; Tegen, S.; Flores, F.; Zammit, D.; Kraemer, M.; Miles, J.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1114879	Fueling Robot Automates Hydrogen Hose Reliability Testing (Fact Sheet)	Harrison, K.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1114880	Potential Economic Impacts from Offshore Wind in the Gulf of Mexico Region (Fact Sheet)	Flores, F.; Keyser, D.; Tegen, S.	TR	NREL	National Renewable Energy Laborato	1/1/2014

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1115770	Technique Reveals Critical Physics in Deep Regions of Solar Cells (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115773	Quick Facts about Alternative Fuel Vehicles (Postcard)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115774	Fulfilling Alternative Fuel Requirements While Meeting Mission-Critical Needs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115776	NREL Demonstrates Efficient Solar Water Splitting by Metal Oxide Photoabsorber (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115779	Second-Use Li-Ion Batteries to Aid Automotive and Utility Industries (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115780	Advantages of Enzyme Could Lead to Improved Biofuels Production (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115781	PWatts (R) Calculator India (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115783	NREL Enables Efficient Data Exchange for Home Performance Companies (Fact Sheet), NREL Highlights in Research & Development	Merket, N.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115789	NREL Report Redefines Wind as a Grid Stabilizer, Not a Liability (Fact Sheet)	Ela, E.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1115793	Alternative Compliance: Guidelines for Preparing and Submitting a Waiver Request Application and Other Documentation Requirements (Fact Sheet)	Sears, T.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1117050	Multifamily Central Heat Pump Water Heaters: Davis, California (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1117051	Executive Order 13514: Federal Leadership in Environmental, Energy, and Economic Performance; Environmental, Energy, and Economic Performance	Daley, R.; Ahdieh, N.; Bentley, J.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1117053	Potential Economic Impacts from Offshore Wind in the Great Lakes Region (Fact Sheet)	Tegen, S.; Keyser, D.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1117054	Stud Walls With Continuous Exterior Insulation for Factory Built Housing: New York, New York (Fact Sheet), NREL National Renewable Energy Laboratory	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1117060	Active Power Controls from Wind Power: Bridging the Gaps	Ela, E.; Gevorgian, V.; Fleming, P.; Zhang, Y. C.; Singh, M.; Muljadi, E.; Scholbrook, A.; Aho, J.; Srinivasan, R.; Srinivasan, M.; et al.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1118067	NREL Uses Fuel Cells to Increase the Range of Battery Electric Vehicles (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1118068	Transportation Secure Data Center: Real-World Data for Planning, Modeling, and Analysis (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1118071	Hydronic Heating Coil Versus Propane Furnace, Rehoboth Beach, Delaware (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1118086	New Insights for Improving the Designs of Flexible Duct Junction Boxes (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121487	Commercialization of High-Temperature Solar Selective Coating: Cooperative Research and Development Final Report	Gray, M. H.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121506	Assessing Development Impacts Associated with Low Emission Development Strategies: Lessons Learned from Pilot Efforts	Cox, S.; Katz, J.; Wurtenberger, L.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121508	Cladding Attachment Over Thick Exterior Insulating Sheathing	Baker, P.; Eng, P.; Lepage, R.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121524	Solar Resource Measurements in Humboldt State University, Arcata, California: Cooperative Research and Development Final Report	Stoffel, T.; Andreas, A.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121525	Solar Resources Measurements in Elizabeth City, North Carolina - Equipment Only: Cooperative Research and Development Final Report	Stoffel, T.; Andreas, A.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1121530	Reducing Plug Loads in Office Spaces: Hawaii and Guam Energy Improvement Technology Demonstration Project	Sheppy, M.; Metzger, I.; Cutler, D.; Holland, G.; Hanada, A.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122293	Shorepower Truck Electrification Project (STEP) - 2013 (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122297	Feasibility Study of Economics and Performance of Solar Photovoltaics at the TechCity East Campus Resource	Salasovich, J.; Geiger, J. W.; Mosey, G.; Healey, V.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122299	Advanced Envelope Research for Factory Built Housing, Phase 3 -- Design Development and Prototyping	Levy, E.; Kessler, B.; Mullens, M.; Rath, P.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122301	Impact of Residential Mechanical Ventilation on Energy Cost and Humidity Control	Martin, E.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122306	Assessment of Offshore Wind System Design, Safety, and Operation Standards	Sirnivias, S.; Musial, W.; Bailey, B.; Filippelli, M.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122307	Solar Resource Measurements in 1400 JR Lynch Street, Jackson, Mississippi: Cooperative Research and Development Final Report	Stoffel, T.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1122308	Solar Resource Measurements in Cocoa, Florida (FSEC) - Equipment Loaned to NREL: Cooperative Research and Development Final Report	Stoffel, T.; Afshin, A.	TR	NREL	National Renewable Energy Laborato	1/1/2014

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1122310	Evaluation of Retrofit Variable-Speed Furnace Fan Motors	Aldrich, R.; Williamson, J.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123205	Vindicator Lidar Assessment for Wind Turbine Feed-Forward Control Applications: Cooperative Research and	Wright, A.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123207	Analysis of Transportation and Logistics Challenges Affecting the Deployment of Larger Wind Turbines:	Cotrell, J.; Stehly, T.; Johnson, J.; Roberts, J. O.; Parker, Z.; Scott, G.; Heimiller, D.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123215	Evaluating an Exterior Insulation and Finish System for Deep Energy Retrofits	Dentz, J.; Podorson, D.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123217	Hood River Passive House	Hales, D.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123223	Time Domain Partitioning of Electricity Production Cost Simulations	Barrows, C.; Hummon, M.; Jones, W.; Hale, E.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123224	Acciona Solar Technology Performance Evaluation: Cooperative Research and Development Final Report,	Mehos, M. S.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123225	Measured Performance of Residential Dehumidifiers Under Cyclic Operation	Winkler, J.; Christensen, D.; Tomerlin, J.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1123227	Beta Test Plan for Advanced Inverters Interconnecting Distributed Resources with Electric Power Systems	Hoke, A.; Chakraborty, S.; Basso, T.; Coddington, M.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1124012	Material and Device Analysis for Efficiency Improvement in Epitaxial Crystalline Solar Cells: Cooperative Research and	Sopori, B.	TR	NREL	National Renewable Energy Laborato	1/1/2014
1118070	Laminar Entrained Flow Reactor (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122287	Eastern Renewable Generation Integration Study (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122288	Strategic Energy Analysis (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122290	Cascade Apartments - Deep Energy Multifamily Retrofit , Kent, Washington (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122294	Hood River Passive House, Hood River, Oregon (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122311	Passive Room-to-Room Air Transfer, Fresno, California (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1123201	Advancing Concentrating Solar Power Research (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1123203	Building Partnerships to Cut Petroleum Use in Transportation (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1124001	Nexus EnergyHomes, Frederick, Maryland (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126261	Exploring the Potential Business Case for Synergies Between Natural Gas and Renewable Energy	Cochran, J.; Zinaman, O.; Logan, J.; Arent, D.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126272	BC Transit Fuel Cell Bus Project: Evaluation Results Report	Eudy, L.; Post, M.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126283	Building America Indoor Temperature and Humidity Measurement Protocol	Engbrecht-Metzger, C.; Norton, P.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126285	Measure Guideline: Selecting Ventilation Systems for Existing Homes	Aldrich, R.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126286	Ventilation System Effectiveness and Tested Indoor Air Quality Impacts	Rudd, A.; Bergey, D.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126287	Evaluation of Radiometers Deployed at the National Renewable Energy Laboratory's Solar Radiation Research	Habte, A.; Wilcox, S.; Stoffel, T.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126288	Effectiveness of State-Level Policies on Solar Market Development in Different State Contexts	Steward, D.; Doris, E.; Krasko, V.; Hillman, D.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126292	2013 Building America Research Planning Meeting Summary	Metzger, C. E.; Hunt, S.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126294	System Advisor Model, SAM 2014.1.14: General Description	Blair, N.; Dobos, A. P.; Freeman, J.; Neises, T.; Wagner, M.; Ferguson, T.; Gilman, P.; Janzou, S.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126295	Cascade Apartments: Deep Energy Multifamily Retrofit	Gordon, A.; Mattheis, L.; Kunkle, R.; Howard, L.; Lubliner, M.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126297	Temporal and Spatial Comparison of Gridded TMY, TDY, and TGY Data Sets	Habte, A.; Lopez, A.; Sengupta, M.; Wilcox, S.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126299	Measure Guideline: Condensing Boilers - Optimizing Efficiency and Response Time During Setback Operation	Arena, L.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126300	Monitoring and Characterization of Miscellaneous Electrical Loads in a Large Retail Environment	Gentile-Polese, L.; Frank, S.; Sheppy, M.; Lobato, C.; Rader, E.; Smith, J.; Long, N.	TR	NREL	National Renewable Energy Laborato	2/1/2014



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1126310	Simplified Space Conditioning in Low-Load Homes: Results from the Fresno, California, Retrofit Unoccupied Test	Stecher, D.; Poerschke, A.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126311	Satellite-Based Solar Resource Data Sets for India 2002-2012	Sengupta, M.; Perez, R.; Gueymard, C.; Anderberg, M.; Gotseff, P.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126317	Synchrophasor Applications for Wind Power Generation	Muljadi, E.; Zhang, Y. C.; Allen, A.; Singh, M.; Gevorgian, V.; Wan, Y. H.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126318	Control Limits for Building Energy End Use Based on Engineering Judgment, Frequency Analysis, and Quantile	Henze, G. P.; Pless, S.; Petersen, A.; Long, N.; Scambos, A. T.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1126830	Comparing Photovoltaic (PV) Costs and Deployment Drivers in the Japanese and U.S. Residential and Commercial	Friedman, B.; James, T.; Margolis, R.; Seel, J.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1127283	Synchronous and Cogged Fan Belt Performance Assessment	Cutler, D.; Dean, J.; Acosta, J.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1158950	Photovoltaic Module Reliability Workshop 2014: February 25-26, 2014	Kurtz, S.	TR	NREL	National Renewable Energy Laborato	2/1/2014
1122291	Case Study: Mobile Photovoltaic System at Bechler Meadows Ranger Station, Yellowstone National Park (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1123999	Uncertainty Estimates for SIRS, SKYRAD, & GNDRAD Data and Reprocessing the Pyreometer Data (Presentation)	Reda, I.; Stoffel, T.; Habte, A.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1124002	Arizona Apache Tribe Set to Break Ground on New Solar Project, Spring / Summer 2014 (Newsletter)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1124003	Unique Perspectives on a Transforming Energy Economy: 2014 Annual Report (Brochure)	Gossett, S.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1124006	Empowering Indian Country to Energize Future Generations (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1124007	National Grid Deep Energy Retrofit Pilot, Massachusetts and Rhode Island (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1124008	HVAC Design Strategy for a Hot-Humid Production Builder, Houston, Texas (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126817	Variability of Photovoltaic Power in the State of Gujarat Using High Resolution Solar Data	Hummon, M.; Cochran, J.; Weekley, A.; Lopez, A.; Zhang, J.; Stoltenberg, B.; Parsons, B.; Batra, S. M.; B. Batra, S.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126818	Sustainable NREL Biennial Report, FY 2012 - 2013 (Management Report)	Slovensky, M.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126820	2014 Building America House Simulation Protocols	Wilson, E.; Engebrecht-Metzger, C.; Horowitz, S.; Hendron, R.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126825	Ducts Sealing Using Injected Spray Sealant, Raleigh, North Carolina (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126831	Residential Energy Efficiency Demonstration: Hawaii and Guam Energy Improvement Technology Demonstration	Earle, L.; Sparn, B.; Rutter, A.; Briggs, D.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126832	Waste-to-Energy: Hawaii and Guam Energy Improvement Technology Demonstration Project	Davis, J.; Gelman, R.; Tomberlin, G.; Bain, R.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126834	Field Trial of a Low-Cost, Distributed Plug Load Monitoring System	Auchter, B.; Cautley, D.; Ahl, D.; Earle, L.; Jin, X.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126835	Air Distribution Retrofit Strategies for Affordable Housing	Dentz, J.; Conlin, F.; Holloway, P.; Podorson, D.; Varshney, K.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126836	Effects of Spectral Error in Efficiency Measurements of GaInAs-Based Concentrator Solar Cells	Osterwald, C. R.; Wanlass, M. W.; Moriarty, T.; Steiner, M. A.; Emery, K. A.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126837	Applying Best Practices to Florida Local Government Retrofit Programs, Central Florida (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126838	Review of Variable Generation Forecasting in the West: July 2013 - March 2014	Widiss, R.; Porter, K.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126840	Estimating the Wind Resource in Uttarakhand: Comparison of Dynamic Downscaling with Doppler Lidar Wind	Lundquist, J. K.; Pukayastha, A.; St. Martin, C.; Newsom, R.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126842	Wind and Solar Energy Curtailment: Experience and Practices in the United States	Bird, L.; Cochran, J.; Wang, X.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126843	Representation of Solar Capacity Value in the ReEDS Capacity Expansion Model	Sigrin, B.; Sullivan, P.; Ibanez, E.; Margolis, R.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126844	Heating, Ventilation, and Air Conditioning Design Strategy for a Hot-Humid Production Builder	Kerrigan, P.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126849	Geospatial Optimization of Siting Large-Scale Solar Projects	Macknick, J.; Quinby, T.; Caulfield, E.; Gerritsen, M.; Diffendorfer, J.; Haines, S.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1126850	Performance Results for Massachusetts and Rhode Island Deep Energy Retrofit Pilot Community	Gates, C.; Neuhauser, K.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1127260	Guidelines for Home Energy Professionals Project (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014

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1127275	LEDS GP Success Story: Fostering Coordinated LEDS Support in Kenya (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1127282	Spray Foam Exterior Insulation with Stand-Off Furring	Herk, A.; Baker, R.; Prah, D.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1127284	Measure Guideline: Optimizing the Configuration of Flexible Duct Junction Boxes	Beach, R.; Burdick, A.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1127289	RM12-2703 Advanced Rooftop Unit Control Retrofit Kit Field Demonstration: Hawaii and Guam Energy	Doebber, I.; Dean, J.; Dominick, J.; Holland, G.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1128612	Evaluating Energy Savings in All-Electric Public Housing in the Pacific Northwest, Tacoma, Washington (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1129265	State and Alternative Fuel Provider Fleet Compliance Methods (Revised) (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1129267	EPAct Programs Share Goals, Collaborate for Success (Revised) (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1129273	California-Wyoming Grid Integration Study: Phase 1 -- Economic Analysis	Corbus, D.; Hurlbut, D.; Schwabe, P.; Ibanez, E.; Milligan, M.; Brinkman, G.; Paduru, A.; Diakov, M.; Wood, M.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1129274	Advanced Inverter Technology for High Penetration Levels of PV Generation in Distribution Systems	Schauder, C.	TR	NREL	National Renewable Energy Laborato	3/1/2014
1129275	On the Road to Transportation Efficiency (Video)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1134487	VICE 2.0 Helps Fleets Evaluate CNG Investments (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2014
1127261	Impact of Infiltration and Ventilation on Measured Space Conditioning Energy and Moisture Levels in the Hot-Humid Climate Zone Florida (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1127262	Reducing Idle Power Consumption in Office Spaces Saves U.S. Navy in Energy Costs (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1127268	Residential Energy-Efficiency Equipment Shown to be a Good Investment for U.S. Navy (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1127270	Energy Management System Lowers U.S. Navy Energy Costs Through PV System Interconnection (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1127273	Retrofitting Inefficient Rooftop Air-Conditioning Units Reduces U.S. Navy Energy Use (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1128617	Regulatory and Permitting Information Desktop Toolkit (Fact Sheet)	Young, K.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1128619	Implications of a PTC Extension on U.S. Wind Deployment	Lantz, E.; Steinberg, D.; Mendelsohn, M.; Zinaman, O.; James, T.; Porro, G.; Hand, M.; Mei, T.; Hines, M.; Heston, B.; Bird, L.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1128627	Solar Census - Perfecting the Art of Automated, Remote Solar Shading Assessments (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129250	Analysis Reveals Impact of Road Grade on Vehicle Energy Use (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129259	Project Startup: Evaluating the Performance of Frito Lay's Electric Delivery Trucks (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129261	NREL Investigates Critical Properties of Perovskite Halides Solar Cells (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129266	DOE Issues Final Rule for Section 133 of the Energy Independence Act (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129271	NREL 2012 Achievement of Ethanol Cost Targets: Biochemical Ethanol Fermentation via Dilute-Acid Saccharification of Corn Stover (Fact Sheet)	Tao, L.; Schell, D.; Davis, R.; Tan, E.; Elander, R.; Bratis, A.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129276	Economic and Technical Feasibility Study of Utility-Scale Wind Generation for the New York Buffalo River and South Buffalo River Field Communities	Roberts, J. O.; Mosey, G.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1129277	Biomass Scenario Model Scenario Library: Definitions, Construction, and Description	Inman, D.; Vimmerstedt, L.; Bush, B.; Peterson, S.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130117	Clean Energy Solutions Center Services (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130126	Biomass Compositional Analysis: NIR Rapid Methods (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130130	Financing Home Energy Improvements: PowerSaver Loan Benefits (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130162	Energy Project Development and Financing Strategy for Native Alaska (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130165	NREL Fights Corrosion to Cut Costs in CSP Plants (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130167	Disaggregating Hot Water Use and Predicting Hot Water Waste in Five Test Homes	Henderson, H.; Wade, J.	TR	NREL	National Renewable Energy Laborato	4/1/2014

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1130169	Pre-Feasibility Analysis of Pellet Manufacturing on the Former Loring Air Force Base Site. A Study Prepared in	Hunsberger, R.; Mosey, G.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130171	Measure Guideline: Combustion Safety for Natural Draft Appliances Through Appliance Zone Isolation	Fitzgerald, J.; Bohac, D.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130614	New Framework Transforms FAST Wind Turbine Modeling Tool (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130619	Clean Cities Now: Vol. 18, No. 1, Spring 2014 (Newsletter)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130627	NREL Improves Access to Building Product Energy Data (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130628	Simulation for Wind Turbine Generators -- With FAST and MATLAB-Simulink Modules	Singh, M.; Muljadi, E.; Jonkman, J.; Gevorgian, V.; Girsang, I.; Dhupia, J.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130629	ESIF Plugs Utility-Scale Hardware into Simulated Grids to Assess Integration Effects (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130632	User's Manual for Data for Validating Models for PV Module Performance	Marion, W.; Anderberg, A.; Deline, C.; Glick, S.; Muller, M.; Perrin, G.; Rodriguez, J.; Rummel, S.;	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130633	Evolving Role of the Power Sector Regulator: A Clean Energy Regulators Initiative Report	Zinaman, O.; Miller, M.; Bazilian, M.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130634	Evaluation of Modeled and Measured Energy Savings in Existing All Electric Public Housing in the Pacific Northwest	Gordon, A.; Lubliner, M.; Howard, L.; Kunkle, R.; Salzberg, E.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130635	Advanced Envelope Research for Factory Built Housing, Phase 3 -- Whole-House Prototyping	Levy, E.; Mullens, M.; Rath, P.	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130640	BEopt-CA (Ex): A Tool for Optimal Integration of EE, DR and PV in Existing California Homes	Christensen, C.; Horowitz, S.; Maguire, J.; Tabares-Velasco, P.; Springer, D.; Coates, P.;	TR	NREL	National Renewable Energy Laborato	4/1/2014
1134083	Clean Energy Solutions Center Services (Chinese Translation) (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	4/1/2014
1130621	Hydrogen Station Compression, Storage, and Dispensing Technical Status and Costs: Systems Integration	Parks, G.; Boyd, R.; Cornish, J.; Remick, R.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1130630	Flexibility in 21st Century Power Systems	Cochran, J.; Miller, M.; Zinaman, O.; Milligan, M.; Arent, D.; Palmintier, B.; O'Malley, M.;	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132116	Peer-to-Peer Consultations: Ancillary Services Peer Exchange with India: Experience from South Africa, Europe	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132118	Services du Centre de Solutions Pour Les Energies Propres (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132121	Solar Technical Assistance Team (STAT) (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132122	Replacing Resistance Heating with Mini-Split Heat Pumps, Sharon, Connecticut (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132124	Servicios del Centro de Soluciones Para la Energia Limpia (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132126	Combustion Safety for Appliances Using Indoor Air (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132127	Retrofit Integrated Space & Water Heating: Field Assessment, Minneapolis, Minnesota (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132137	Stand-Off Furring in Deep Energy Retrofits, Syracuse, New York (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132169	Industry Research and Recommendations for New Commercial Buildings	Hendron, B.; Leach, M.; Gregory, N.; Pless, S.; Selkowitz, S.; Matthew, P.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132170	Effect of Second-Order Hydrodynamics on a Floating Offshore Wind Turbine	Roald, L.; Jonkman, J.; Robertson, A.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132181	Blender Pump Fuel Survey: CRC Project E-95-2	Williams, A.; Alleman, T. L.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132182	Cost Effective Bioethanol via Acid Pretreatment of Corn Stover, Saccharification, and Conversion via a Novel	Dowe, N.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132184	Operation of Concentrating Solar Power Plants in the Western Wind and Solar Integration Phase 2 Study	Denholm, P.; Brinkman, G.; Lew, D.; Hummon, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1132185	Advanced Load Identification and Management for Buildings: Cooperative Research and Development Final	Gentile-Polese, L.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134077	Leading the Way to Energy Systems Research (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134078	Hybrid and Plug-In Electric Vehicles (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014

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1134087	Hydronic Systems: Designing for Setback Operation, Ithaca, New York (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134089	Energy Saver: Tips on Saving Money & Energy at Home (Book)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134120	Zero Emission Bay Area (ZEBA) Fuel Cell Bus Demonstration Results: Third Report	Eudy, L.; Post, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134121	Indoor and Outdoor Spectroradiometer Intercomparison for Spectral Irradiance Measurement	Habte, A.; Andreas, A.; Ottoson, L.; Gueymard, C.; Fedor, G.; Fowler, S.; Peterson, J.; Naranen, S.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134125	Effect of Gasoline Properties on Exhaust Emissions from Tier 2 Light-Duty Vehicles -- Final Report: Phase 3; July 28, 2009 - July 27, 2010	Whitney, K.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134126	Stationary Fuel Cell System Composite Data Products: Data through Quarter 4 of 2013	Saur, G.; Kurtz, J.; Ainscough, C.; Peters, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134127	Next Generation Hydrogen Station Composite Data Products: Data through Quarter 4 of 2013	Sprick, S.; Kurtz, J.; Peters, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134128	Mini-Split Heat Pumps Multifamily Retrofit Feasibility Study	Dentz, J.; Podorson, D.; Varshney, K.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134129	Flexible Residential Test Facility: Impact of Infiltration and Ventilation on Measured Cooling Season Energy and	Parker, D.; Kono, J.; Vieira, R.; Fairey, P.; Sherwin, J.; Withers, C.; Hoak, D.; Beal, D.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134130	Overview of Variable Renewable Energy Regulatory Issues: A Clean Energy Regulators Initiative Report	Miller, M.; Cox, S.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134131	State Energy Efficiency Resource Standards: Design, Status, and Impacts	Steinberg, D.; Zinaman, O.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134132	Geothermal Exploration Policy Mechanisms: Lessons for the United States from International Applications	Speer, B.; Economy, R.; Lowder, T.; Schwabe, P.; Regenthal, S.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134133	Refueling Behavior of Flexible Fuel Vehicle Drivers in the Federal Fleet	Daley, R.; Nangle, J.; Boeckman, G.; Miller, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134134	Estimating the Value of Utility-Scale Solar Technologies in California Under a 40% Renewable Portfolio Standard	Jorgenson, J.; Denholm, P.; Mehos, M.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134136	Survey of State-Level Cost and Benefit Estimates of Renewable Portfolio Standards	Heeter, J.; Barbose, G.; Bird, L.; Weaver, S.; Flores-Espino, F.; Kuskova-Burns, K.; Wiser, R.	TR	NREL	National Renewable Energy Laborato	5/1/2014
1135687	Realizing Clean Energy's Potential: Lessons Learned in the U.S. West (Technical Report)	Not Available	TR	NREL	National Renewable Energy Laborato	5/1/2014
1134088	Developing an Online Database of National and Sub-National Clean Energy Policies	Haynes, R.; Cross, S.; Heinemann, A.; Booth, S.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134090	NREL Assesses National Design Standards for Offshore Wind (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134141	Investigations into Performance and Lifetime Enhancements of OPV Devices: Cooperative Research and	GINLEY, D.	TR	NREL	National Renewable Energy Laborato	6/1/2014
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1134499	Liquid-Liquid Separation Process: Cooperative Research and Development Final Report, CRADA Number CRD-09-	Schell, D.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134500	Development of Black Silicon Antireflection Control and Passivation Technology for Commercial Application:	Yuan, H. C.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134501	Noncomposite Counterelectrode Development: Cooperative Research and Development Final Report,	ENGRTRAKUL, C.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134502	MBMS Monitoring of ClearFuels/Rentech PDU: Cooperative Research and Development Final Report, CRADA Number	Carpenter, D.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134503	Wind Farm Monitoring at Lake Benton II Wind Power Project - Equipment Only: Cooperative Research and	Gevorgian, V.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1134504	Appending High-Resolution Elevation Data to GPS Speed Traces for Vehicle Energy Modeling and Simulation	Wood, E.; Burton, E.; Duran, A.; Gonder, J.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1135683	Servicos Do Centro De Solucoes De Energia Limpa (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1135684	Clean Energy Solutions Center Services (Arabic Translation) (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1135693	Data Center Energy Efficiency and Renewable Energy Site Assessment: Anderson Readiness Center; Salem, Oregon	Metzger, I.; Van Geet, O.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1135712	Spring 2014 Composite Data Products: Backup Power	Kurtz, J.; Sprick, S.; Saur, G.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1135713	Early Fuel Cell Market Deployments: ARRA and Combined (IAA, DLA, ARRA): Quarter 4 2013 Composite Data Products	Kurtz, J.; Sprick, S.	TR	NREL	National Renewable Energy Laborato	6/1/2014

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1135714	ARRA Material Handling Equipment Composite Data Products: Data Through Quarter 4 of 2013	Kurtz, J.; Sprik, S.; Peters, M.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136203	NREL Works to Increase Electric Vehicle Efficiency Through Enhanced Thermal Management (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136209	Biodiesel Basics (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136211	EPAAct Alternative Fuel Transportation Program (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136229	Greenbuilt Retrofit Test House Final Report	Sparr, B.; Hudon, K.; Earle, L.; Booten, C.; Tabares-Velasco, P. C.; Barker, G.; Hancock, C.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136231	Evaluation of Missed Energy Saving Opportunity Based on Illinois Home Performance Program Field Data:	Yee, S.; Milby, M.; Baker, J.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136232	NREL/SCE High Penetration PV Integration Project: FY13 Annual Report	Mather, B. A.; Shah, S.; Norris, B. L.; Dise, J. H.; Yu, L.; Paradis, D.; Katiraei, F.; Seguin, R.;	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136233	West Village Student Housing Phase I: Apartment Monitoring and Evaluation	German, A.; Bell, C.; Dakin, B.; Hoeschele, M.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136234	Public Housing: A Tailored Approach to Energy Retrofits	Dentz, J.; Conlin, F.; Podorson, D.; Alaiigh, K.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136235	Effect of Gasoline Properties on Exhaust Emissions from Tier 2 Light-Duty Vehicles -- Final Report: Phases 4, 5, & 6;	Whitney, K.; Shoffner, B.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136551	Renewable Energy Optimization (REopt) (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136572	Capricious Cables: Understanding the Key Concepts in Transmission Expansion Planning and Its Models	Donohoo, P.; Milligan, M.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136573	Performance of a Hot-Dry Climate Whole-House Retrofit	Weitzel, E.; German, A.; Porse, E.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136574	Energy Evaluation of a New Construction Pilot Community: Fresno, California	Burdick, A.; Poerschke, A.; Rapport, A.; Wayne, M.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136575	Simplified Space Conditioning in Low-Load Homes: Results from Pittsburgh, Pennsylvania, New Construction	Poerschke, A.; Stecher, D.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1140094	Laboratory Performance Evaluation of Residential Integrated Heat Pump Water Heaters	Sparr, B.; Hudon, K.; Christensen, D.	TR	NREL	National Renewable Energy Laborato	6/1/2014
1136552	Homeowners Guide to Leasing a Solar Electric System (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	7/1/2014
1140069	Capillary Break Beneath a Slab: Polyethylene Sheeting over Aggregate; Southwestern Pennsylvania (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	7/1/2014
1140074	Evaluation of Missed Energy Saving Opportunity Based on Illinois Home Performance Program Field Data:	Not Available	TR	NREL	National Renewable Energy Laborato	7/1/2014
1140095	Performance Verification of Production-Scalable Energy-Efficient Solutions: Winchester/Camberley Homes Mixed-	Mallay, D.; Wiehagen, J.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1140096	NREL's OpenStudio Helps Design More Efficient Buildings (Fact Sheet)	Not Available	TR	NREL	National Renewable Energy Laborato	7/1/2014
1144819	Airtightness Results of Roof-Only Air Sealing Strategies on 1-1/2 Story Homes in Cold Climates	Ojczyk, C.; Murry, T.; Mosiman, G.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1144821	Solar Resource Measurements in Canyon, Texas - Equipment Only Loan: Cooperative Research and	Andreas, A.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1144822	Implementing Solar Technologies at Airports	Kandt, A.; Romero, R.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1144823	Advanced Methods for Incorporating Solar Energy Technologies into Electric Sector Capacity-Expansion	Sullivan, P.; Eurek, K.; Margolis, R.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1148619	Evaluation of Ventilation Strategies in New Construction Multifamily Buildings	Maxwell, S.; Berger, D.; Zuluaga, M.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1148620	Methane for Power Generation in Muaro Jambi: A Green Prosperity Model Project	Moriarty, K.; Elchinger, M.; Hill, G.; Katz, J.; Barnett, J.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1148622	NREL Energy Storage Projects: FY2013 Annual Report	Pesaran, A.; Ban, C.; Brooker, A.; Gonder, J.; Ireland, J.; Keyser, M.; Kim, G. H.; Long, D.;	TR	NREL	National Renewable Energy Laborato	7/1/2014
1148623	Overview of Aviation Fuel Markets for Biofuels Stakeholders	Davidson, C.; Newes, E.; Schwab, A.; Vimmerstedt, L.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1149224	Extreme Conditions Modeling Workshop Report	Coe, R. G.; Neary, V. S.; Lawson, M. J.; Yu, Y.; Weber, J.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1149225	Balancing Hydronic Systems in Multifamily Buildings	Ruch, R.; Ludwig, P.; Maurer, T.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1149654	Wind Resource Assessment of Gujarat (India)	Draxl, C.; Purkayastha, A.; Parker, Z.	TR	NREL	National Renewable Energy Laborato	7/1/2014

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1149657	Renewable Hydrogen Potential from Biogas in the United States	Saur, G.; Milbrandt, A.	TR	NREL	National Renewable Energy Laborato	7/1/2014
1149655	Haiti: Feasibility of Waste-to-Energy Options at the Trutier Waste Site	Conrad, M. D.; Hunsberger, R.; Ness, J. E.; Harris, T.; Raibley, T.; Ursillo, P.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150170	NaREC Offshore and Drivetrain Test Facility Collaboration: Cooperative Research and Development Final Report,	Musial, W.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150171	Connectivity Enhanced Energy Management and Control for EREVs: Cooperative Research and Development Final	Gonder, J.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150172	New N-Type Polymers for Organic Photovoltaics: Cooperative Research and Development Final Report,	Olson, D.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150173	Optical and Durability Evaluation for Silvered Polymeric Mirrors and Reflectors: Cooperative Research and	Gray, M.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150176	Costs Associated With Propane Vehicle Fueling Infrastructure	Smith, M.; Gonzales, J.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150177	Compendium of Experimental Cetane Numbers	Yanowitz, J.; Ratcliff, M. A.; McCormick, R. L.; Taylor, J. D.; Murphy, M. J.	TR	NREL	National Renewable Energy Laborato	8/1/2014
1150178	Economic Impacts from Indiana's First 1,000 Megawatts of Wind Power	Tegen, S.; Keyser, D.; Flores-Espino, F.; Hauser, R.	TR	NREL	National Renewable Energy Laborato	8/1/2014
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1156967	Imperium/Lanzatech Syngas Fermentation Project - Biomass Gasification and Syngas Conditioning for	Wilcox, E.	TR	NREL	National Renewable Energy Laborato	9/1/2014
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1158423	Status of Net Metering: Assessing the Potential to Reach Program Caps	Heeter, J.; Gelman, R.; Bird, L.	TR	NREL	National Renewable Energy Laborato	9/1/2014
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1159382	Excavationless Exterior Foundation Insulation Field Study	Schirber, T.; Mosiman, G.; Ojczyk, C.	TR	NREL	National Renewable Energy Laborato	10/1/2014
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1114278	Reported Energy and Cost Savings from the DOE ESPC Program: FY 2013	Slattery, Bob S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2014
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1126565	Nuclear Security: Quantifying Late Detection in MC&A for Bulk Processes	Singh, Surinder Paul [ORNL]; Gibbs, Philip W [ORNL]; Bultz, Garl A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1126566	Nuclear Security: Throughput & Material Unaccounted For (MUF) or Inventory Difference (D) Evaluations	Singh, Surinder Paul [ORNL]; Gibbs, Philip W [ORNL]; Bultz, Garl A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
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1126571	Nuclear Security: Threat Characterization Worksheets	Singh, Surinder Paul [ORNL]; Gibbs, Philip W [ORNL]; Bultz, Garl A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
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1126978	Additional EIPC Study Analysis: Interim Report on Medium Priority Topics	Hadley, Stanton W [ORNL]; Gotham, Douglas J. [Purdue University]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
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1158738	Lifecycle Verification of Tank Liner Polymers	Anovitz, Lawrence (Larry) M [ORNL]; Smith, Barton [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1162072	Small, Modular Advanced High Temperature Reactor Carbonate Thermochemical Cycle Technology Readiness	Holcomb, David Eugene [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1162075	Small, Modular Advanced High Temperature Reactor-Carbonate Thermochemical Cycle	Holcomb, David Eugene [ORNL]; Ilas, Dan [ORNL]; Middleton, Bobby [Sandia National Laboratories]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1130418	Liquid Fluoride Salt Experimentation Using a Small Natural Circulation Cell	Yoder Jr, Graydon L [ORNL]; Heatherly, Dennis Wayne [ORNL]; Williams, David F [ORNL]; Ellinger, Yvonne E [ORNL]; Koenig, Kevin D [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1130425	New Stream-reach Development: A Comprehensive Assessment of Hydropower Energy Potential in the United States	Kao, Shih-Chieh [ORNL]; McManamay, Ryan A [ORNL]; Stewart, Kevin M [ORNL]; Samu, Nicole [ORNL]; Williams, David F [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1130428	Update on Common-Cause Failure Experience and Mitigation Practices	Wood, Richard Thomas [ORNL]; Muhlheim, Michael David [ORNL]; Pullum, Laura L [ORNL]; Clayton, Dwight A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1131523	Preliminary Conceptual Design of a Thick Concrete Nondestructive Evaluation Specimen	Clayton, Dwight A [ORNL]; Hoegh, Dr. Kyle [University of Minnesota]; Khazanovich, Dr. Lev [University of Minnesota]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1147699	DEVELOPMENT AND COMMERCIALIZATION OF ALTERNATIVE CARBON PRECURSORS AND CONVERSION TECHNOLOGIES	Norris Jr, Robert E [ORNL]; Paulauskas, Felix L [ORNL]; Naskar, Amit K [ORNL]; Kaufman, Mitchell [ORNL]; Yoder, Graydon L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1150878	Additional Protocol (AP) Protocol Reporter version 3.0 (PR3) System Requirements Specification (SRS)	Cain, Ronald A [ORNL]; Kovacic, Donald N [ORNL]; Hannan, Kevin M [ORNL]; Wolf, Dylan [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1131498	EVALUATING THE EFFECTS OF THE KINGSTON COAL ASH RELEASE ON FISH REPRODUCTION AND EARLY LIFE STAGES: LONG TERM EXPERIMENTS TO ASSESS THE LABORATORY	Greeley Jr, Mark Stephen [ORNL]; Elmore, Logan R [ORNL]; McCracken, Kitty [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1131499	EVALUATING THE EFFECTS OF THE KINGSTON COAL ASH RELEASE ON FISH REPRODUCTION AND EARLY LIFE STAGES: LONG TERM EXPERIMENTS TO ASSESS THE LABORATORY	Greeley Jr, Mark Stephen [ORNL]; Elmore, Logan R [ORNL]; McCracken, Kitty [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1131520	Cryptographic Key Management and Critical Risk Assessment	Abercrombie, Robert K [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1132969	Guide to Urine Specimen Collection for Random Drug Testing for the MVD-IT	Eisele, Gerhard R [ORNL]; Coates, Cameron W [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1134177	Campbell Creek Research Homes: FY2013 Annual Performance Report OCT.1, 2012 SEP. 30, 2013	Jackson, Roderick K [ORNL]; Boudreaux, Philip R [ORNL]; Munk, Jeffrey D [ORNL]; Gehl, Anthony [ORNL]; Spafford, Peter [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1134643	Evaluation of Air Barriers for Residential Buildings	Hun, Diana E [ORNL]; Spafford, Peter [Air Barrier Association of America]; Desjarlais, André [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1133587	Derivation of Building Energy Use Intensity Targets for ASHRAE Standard 100	Sharp, Terry R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2014
1134648	Evaluation of Hanford B Reactor Experiments (PTA-069 and PTA-084) for Code and Data Benchmarking	Ilas, Germina [ORNL]; Gauld, Ian C [ORNL]; Westfall, Robert Michael [ORNL]; Pigni, Marco T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2014
1134656	Fukushima Daiichi - A Case Study for BWR Instrumentation and Control Systems Performance during a Severe Accident	Clayton, Dwight A [ORNL]; Poore, III, Willis P [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2014
1136375	OVERVIEW OF MODULAR HTGR SAFETY CHARACTERIZATION AND POSTULATED ACCIDENT BEHAVIOR LICENSING STRATEGY	Ball, Sydney J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2014
1148864	A Pilot Study to Explore Origin-Destination Passenger Travel Flow Patterns at Sub-county Level	Hwang, Ho-Ling [ORNL]; Wilson, Daniel W [ORNL]; Reuscher, Tim [Macrosys]; Chin, Shih-Wei [ORNL]; Tschopp, David [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2014
1149413	Neutron Scattering Studies of Liquid on or Confined in Nano and Mesoporous Carbons, Including Carbide-Derived Carbons	Wesolowski, David J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2014
1150353	Additional EIPC Study Analysis: Report on Low Priority Topics	Hadley, Stanton W [ORNL]; Gotham, Douglas J. [Purdue University]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014

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1154850	Human Reliability Implementation Guide	Coates, Cameron W [ORNL]; Eisele, Gerhard R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1157131	Oxygen Diffusion Model using the THERMOCHIMICA Module in Moose/Bison	Simunovic, Srdjan [ORNL]; Voit, Stewart L [ORNL]; Besmann, Theodore M [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1159480	Recovery of Mark-18a (Mk-18A) Target Materials: Program Management Plan	Robinson, Sharon M [ORNL]; Allender, Jeffery [Savannah River Site, U.S. Department of Energy]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1150908	Advanced ODS FeCrAl alloys for accident-tolerant fuel cladding	Dryepondt, Sebastien N [ORNL]; Unocic, Kinga A [ORNL]; Hoelzer, David T [ORNL]; Pint, Bruce A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1156748	Updated Peach Bottom Model for MELCOR 1.8.6: Description and Comparisons	Robb, Kevin R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1157122	Cognitive Determinants in Patient Decision Making for Total Knee Arthroplasty	Schryver, Jack C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1157134	FY14 Oak Ridge National Laboratory Next-Generation Safeguards Initiative: Human Capital Development	Gilligan, Kimberly V [ORNL]; Milojevich, Allyn K [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1157160	Final Statement of Work for the Acquisition of Zion Unit 2 RPV Segments	Rosseel, Thomas M [ORNL]; Nanstad, Randy K [ORNL]; Sokolov, Mikhail A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1158739	Aluminum Target Dissolution in Support of the Pu-238 Program	McFarlane, Joanna [ORNL]; Benker, Dennis [ORNL]; DePaoli, David W [ORNL]; Felker, Leslie [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1158754	Numerical Solution of Backward Stochastic Differential Equations for a Class of Nonlocal Diffusion Problems	Zhang, Guannan [ORNL]; Zhao, Weidong [Shandong University, Jinan, China]; Webster, Clayton C [ORNL]; Guzhov, Alexey B [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1159421	2013 Oak Ridge Reservation Annual Site Environmental Report	Hughes, Joan F [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1159483	Initial Investigation of Improved Volumetric Imaging of Concrete Using Advanced Processing Techniques	Clayton, Dwight A [ORNL]; Albright, Austin P [ORNL]; Santos-Villalobos, Hector J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1163165	Benchmark Problem for Calculating Oxygen Potential in High Burnup LWR Fuel using the THERMOCHIMICA Module	Simunovic, Srdjan [ORNL]; Besmann, Theodore M [ORNL]; Voit, Stewart L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1121819	Evaluation of Application Space Expansion for the Sensor Fish	DeRolph, Christopher R [ORNL]; Bevelhimer, Mark S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2014
1160001	Application of Super-Hydrophobic Coating for Enhanced Water Repellency of Ballistic Fabric	Smith, Barton [ORNL]; Rajic, Slobodan [ORNL]; Hunter, Scott Robert [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2014
1162083	Nuclear Material Accounting and Reporting Information Systems: Capabilities Review	Gilligan, Kimberly V [ORNL]; Oakberg, John A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2014
1162088	Friction Reduction through Surface Modification	Blau, Peter Julian [ORNL]; Qu, Jun [ORNL]; Zhou, Yan [ORNL]; Cooley, Kevin M [ORNL]; ERDMAN, William [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2014
1163164	Advanced High Temperature Reactor Thermal Hydraulics Analysis and Salt Clean-up System Description	Yoder Jr, Graydon L [ORNL]; Bopp, Andrew T [ORNL]; Holcomb, David Eugene [ORNL]; ERDMAN, William [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2014
1147161	Oak Ridge National Laboratory Next-Generation Safeguards Initiative: Human Capital Development	Gilligan, Kimberly [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2014
1147164	Scientific Discovery through Advanced Computing (SciDAC-3) Partnership Project Annual Report	Hoffman, Forest M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bochev, Peter [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/15/2014
1148329	An Investigation of the Applicability and Limitations of the ORNL Expanded Plug Test	McAfee, Wallace J. [ORNL]; Hemrick, James G. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/15/2014
1120147	Post-irradiation Examination Plan for ORNL and University of California Santa Barbara Assessment of UCSB ATR-2	Nanstad, R. K. [Materials Science and Technology Division, Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/25/2014
1146984	Safety and Regulatory Issues of the Thorium Fuel Cycle	Ade, Brian [ORNL]; Worrall, Andrew [ORNL]; Powers, Jeffrey [ORNL]; Bowman, Steve [ORNL]; ERDMAN, William [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1146987	Oak Ridge Institutional Cluster Autotune Test Drive Report	Jibonananda, Sanyal [ORNL]; New, Joshua Ryan [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1147160	Structural Health Monitoring to Forewarn of Bridge Failure	Hively, L. M. [ORNL]; Boone, S. D. [Federal Highway Administration]; Abercrombie, R. F. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1163909	Development of the Mathematics of Learning Curve Models for Evaluating Small Modular Reactor Economics	Harrison, T. J. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1130959	TEST REPORT #33: Compressor Calorimeter Test of R-410A Alternative: R-32/R-134a Mixture Using a Scroll	Shrestha, Som [ORNL]; Sharma, Vishaldeep [ORNL]; Abdelaziz, Omar [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/18/2014
1148694	Preparation of most promising braided and/or textile-based adsorbents for seawater testing	Janke, Chris [ORNL]; Sadananda, Das [ORNL]; Mayes, Richard [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/26/2014
1127390	Vehicle Technologies Fact of the Week 2013	Davis, Stacy Cagle [ORNL]; Williams, Susan E [ORNL]; Moore, Sheila A [ORNL]; Boundy, Robert C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1146986	Racial Geography, Economic Growth and Natural Disaster Resilience	Li, Huiping [University of North Carolina at Charlotte]; Fernandez, Steven J. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1133491	FY 2014 Status Report: of Vibration Testing of Clad Fuel (M4FT-14OR0805033)	Bevard, Bruce Balkcom [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/28/2014
1127354	Vehicle Technologies Fact of the Week 2013	Davis, Stacy Cagle [ORNL]; Diegel, Susan W. [ORNL]; Moore, Sheila A. [ORNL]; Boundy, Robert C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014

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1128983	Dynamic Model Validation with Governor Deadband on the Eastern Interconnection	Kou, Gefei [ORNL]; Hadley, Stanton W [ORNL]; Liu, Yilu [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1130430	Fuel Flexibility: Landfill Gas Contaminant Mitigation for Power Generation	Storey, John Morse [ORNL]; Theiss, Timothy J [ORNL]; Kass, Michael D [ORNL]; FINNEY, Andrew [ORNL]; Gentry, David [ORNL]; Gentry, David [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1133475	Strain-Based Design Methodology of Large Diameter Grade X80 Linepipe	Lower, Mark D. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1148334	An Overview of Process Monitoring Related to the Production of Uranium Ore Concentrate	McGinnis, Brent [Innovative Solutions Unlimited, LLC]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1148690	Aging of Iodine-Loaded Silver Mordenite in NO2	Bruffey, Stephanie H. [ORNL]; Jubin, Robert Thomas [ORNL]; Patton, Kaara K. [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1148692	Complete braided adsorbent for marine testing to demonstrate 3g-U/kg-adsorbent	Janke, Chris [ORNL]; Yatsandra, Oyola [ORNL]; Mayes, Richard [ORNL]; none,; Gill, Gary [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/30/2014
1132557	Centralized Cryptographic Key Management and Critical Risk Assessment - CRADA Final Report For CRADA Number NFE-08-01671	Abercrombie, R. K. [ORNL]; Peters, Scott [Sypris Electronics, LLC]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/28/2014
1148550	Integration of Advanced Probabilistic Analysis Techniques with Multi-Physics Models	Cetiner, Mustafa Sacit; none,; Flanagan, George F. [ORNL]; Poore III, Willis P. [ORNL]; Muhheim, Michael David [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/30/2014
1157588	NO2 Aging and Iodine Loading of Silver-Functionalized Aerogels	Patton, K K [ORNL]; Bruffey, S H [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/31/2014
1160265	Population Sensitivity Evaluation of Two Proposed Hampton Roads Area Sites for a Possible Small Modular Reactor	Belles, R. J. [ORNL]; Omिताomu, O. A. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1162052	Milestone Report - Complete New Adsorbent Materials for Marine Testing to Demonstrate 4.5 g-U/kg Adsorbent	Janke, Christopher James [ORNL]; Das, Sadananda [ORNL]; Oyola, Yatsandra [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1160338	Evaluation of INL Supplied MOOSE/OSPREY Model: Modeling Water Adsorption on Type 3A Molecular Sieve	Pompilio, L. M. [Syracuse University]; DePaoli, D. W. [ORNL]; Spencer, B. B. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/29/2014
1160346	Perform Tests and Document Results and Analysis of Oxide Layer Effects and Comparisons	Collins, E. D. [ORNL]; DelCul, G. D. [ORNL]; Spencer, B. B. [ORNL]; Hunt, R. D. [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/30/2014
1158746	Development and Commercialization of Alternative Carbon Fiber Precursors and Conversion Technologies	Norris Jr, Robert E [ORNL]; Kaufman, Michael C [ORNL]; Naskar, Amit K [ORNL]; Paulauskas, Eric [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1163889	Oak Ridge Reservation Bird Records and Population Trends	Roy, W. K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Giffen, N. R. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1164258	STATUS OF HIGH FLUX ISOTOPE REACTOR IRRADIATION OF SILICON CARBIDE/SILICON CARBIDE JOINTS	Katoh, Yutai [ORNL]; Koyanagi, Takaaki [ORNL]; Kiggans, Jim [ORNL]; Cetiner, Nesrin [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1160273	Complete Phase I Tests As Described in the Multi-lab Test Plan for the Evaluation of CH3I Adsorption on AgZ	Bruffey, S. H. [ORNL]; Jubin, R. T. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2014
1160343	Iodine Loading of NO Aged Silver Exchanged Mordenite	Patton, K. K. [ORNL]; Bruffey, S. H. [ORNL]; Jubin, J. T. [ORNL]; Walker, Jr., J. F. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2014
1160345	Expanded Analysis of Hot Isostatic Pressed Iodine-Loaded Silver-Exchanged Mordenite	Jubin, R. T. [ORNL]; Bruffey, S. H. [ORNL]; Patton, K. K. [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2014
1163912	Preliminary Evaluation of Alternate Designs for HFIR Low-Enriched Uranium Fuel	Renfro, David [ORNL]; Chandler, David [ORNL]; Cook, David [ORNL]; Ilas, Germina [ORNL]; Jain, Anand [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/30/2014
1164260	CRADA Final Report for CRADA Number NFE-08-01671 Materials for Advanced Turbocharger Designs	Maziasz, P. J. [ORNL]; Wilson, M. [Honeywell]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/28/2014
1159486	Optimization and testing results of Zr-bearing ferritic steels	Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Yang, Ying [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1156731	Assessment of Nickel Cladded Alloy 214 as the outer Containment Material of a Fission Chamber	Wilson, Dane F [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1117468	Effects from the Reduction of Air Leakage on Energy and Durability	Hun, Diana E [ORNL]; Childs, Phillip W [ORNL]; Atchley, Jerald Allen [ORNL]; Desjarlais, Andre [ORNL]; Walker, J F [ORNL]; Jubin, R T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2014
1120456	ORNL Annual Sustainability Report	Lapsa, Melissa Voss [ORNL]; Nichols, Teresa A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1120460	Standby Rates for Combined Heat and Power Systems	Sedano, Richard [Regulatory Assistance Partnership]; Selecky, James [Brubaker & Associates, LLC]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1126977	Hygrothermal Performance of West Coast Wood Deck Roofing System	Pallin, Simon B [ORNL]; Kehrer, Manfred [ORNL]; Desjarlais, Andre Omer [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1131502	Compressor Calorimeter Test of R-410A Alternative: R-32/134a Mixture Using a Scroll Compressor	Shrestha, Som S [ORNL]; Sharma, Vishaldeep [ORNL]; Abdelaziz, Omar [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2014
1127389	IEA HPP Annex 42 Heat Pumps in Smart Grids - Task 1 Market Overview United States: ORNL/TM-2014/73	Baxter, Van D [ORNL]; Sikes, Karen [SRA International, Inc.]; Domitrovic, Mr. Ronald [Electric Power Research Institute (EPRI)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1127392	LCCP Desktop Application v1.0 Engineering Reference	Beshr, Mohamed [University of Maryland, College Park]; Aute, Vikrant [University of Tennessee, Knoxville]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1132973	Background Data and Statistics On Low-Income Energy Use and Burdens	Eisenberg, Joel Fred [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1149400	Intermittent Ventilation Energy Demands and Indoor Air Quality in Mixed-Humid Climates	Hun, Diana E [ORNL]; Jackson, Mark C [University of Texas at Austin]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014

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1149401	Performance Evaluation of Advanced Retrofit Roof Technologies Using Field-Test Data Phase Three Final	Biswas, Kaushik [ORNL]; Childs, Phillip W [ORNL]; Atchley, Jerald Allen [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1154858	Energy Savings from GSA's National Deep Retrofit Program	Shonder, John A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1159487	Deployment of Solar Assisted and Non-Solar Electric Vehicle Charging Stations in the State of Tennessee, Final	Durfee, Norman [ORNL]; Goeltz, Rick [ORNL]; LaClair, Tim J [ORNL]; Lapsa, Melissa Voss [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1159485	Microstructure and Basic Mechanical Properties of the Procured Advanced Alloys for the Advanced Radiation	Tan, Lizhen [ORNL]; Hoelzer, David T [ORNL]; Busby, Jeremy T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1126550	Impact of the High Flux Isotope Reactor HEU to LEU Fuel Conversion on Cold Source Nuclear Heat Generation Rates	Chandler, David [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2014
1147718	Thermal Hydraulic Characteristics of Fuel Defects in Plate Type Nuclear Research Reactors	Bodey, Isaac T [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1147719	Simulating High Flux Isotope Reactor Core Thermal-Hydraulics via Interdimensional Model Coupling	Travis, Adam R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1143548	Experimental Plan for EDF Energy Creep Rabbit Graphite Irradiations- Rev. 2 (replaces Rev. 0 ORNL/TM/2013/49).	Burchell, Timothy D [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2014
1157142	Stability of Model Fe-Cr-Al Alloys Under The Presence of Neutron Radiation	Field, Kevin G [ORNL]; Hu, Xunxiang [ORNL]; Littrell, Ken [ORNL]; Yamamoto, Yukinori [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1163576	Preliminary Evaluation of Alternate Designs for HFIR Low-Enriched Uranium Fuel	Renfro, David G [ORNL]; Chandler, David [ORNL]; Cook, David Howard [ORNL]; Ilas, George [ORNL]; Jia, Dong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2014
1136810	2014 Semi-Annual Progress Letter Report on Used Nuclear Fuel Integrity Study in Transportation Environments	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2014
1148865	Using Finite Model Analysis and Out of Hot Cell Surrogate Rod Testing to Analyze High Burnup Used Nuclear Fuel	Wang, Jy-An John [ORNL]; Jiang, Hao [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2014
1150341	The Development of Reversible Bending Fatigue Tester and Its Application to High Burnup Spent Nuclear Fuel Vibration	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2014
1154854	FY14 Status Report: CIRFT Testing Results on High Burnup UNF	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]; Jiang, Hao [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1157139	Catalyst Characterization	Watkins, Thomas R [ORNL]; Lance, Michael J [ORNL]; Allard Jr, Lawrence Frederick [ORNL]; Wang, Jy-An John [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1158747	FY 2014 Status Report: Quantification of CIRFT System Biases and Uncertainties Associated When Testing High	Wang, Jy-An John [ORNL]; Jiang, Hao [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2014
1147707	Evaluation of Ship Board Additive Manufacturing: Final Report	Love, Lonnie J [ORNL]; Rowe, John C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2014
1135848	Life Cycle Energy Analysis Methodology, Tool and Case Studies for Additive Manufacturing	Nimbalkar, Sachin U [ORNL]; Cox, Daryl [ORNL]; Cresko, Joseph [United States Department of Energy]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2014
1151875	Demonstration of Advanced Technologies for Multi-Load Washers in Hospitality and Healthcare -- Ozone Based	Boyd, Brian K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Parker, William [ORNL]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/14/2014
1151876	Demonstration of Advanced Technologies for Multi-Load Washers in Hospitality and Healthcare -- Wastewater	Boyd, Brian K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Parker, William [ORNL]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/14/2014
1165324	An Update on Ethanol Production and Utilization in Thailand, 2014	Bloyd, Cary N.; Foster, Nikolas A.F.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2014
1164580	Electronic Safety Resource Tools -- Supporting Hydrogen and Fuel Cell Commercialization	Barilo, Nick F.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/29/2014
1163822	Iodine adsorption on ion-exchange resins and activated carbons: batch testing	Parker, Kent E.; Golovich, Elizabeth C.; Wellman, Dawn M.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/30/2014
1165326	Property Improvement in CZT via Modeling and Processing Innovations . Te-particles in vertical gradient freeze CZT:	Henager, Charles H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL)	10/1/2014
1158859	Report for in-situ 7Li NMR experiment in PNNL Phase -1	Hu, Jian Zhi [Pacific Northwest National Laboratory]	TR	PNNL	Pacific Northwest National Laboratory	8/19/2014
1151840	CO2-Binding Organic Liquids Gas Capture with Polarity-Swing-Assisted Regeneration Full Technology Feasibility	Heldebrant, David J	TR	PNNL	Pacific Northwest National Laboratory	8/31/2014
1164581	Coal-Derived Warm Syngas Purification and CO <sub>2</sub> Capture-Assisted Methane Production	Dagle, Robert A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Laboratory	10/1/2014
1118108	Scaling Relationships Based on Scaled Tank Mixing and Transfer Test Results	Piepel, Gregory F.; Holmes, Aimee E.; Heredia-Langner, Alejandro; Lee, Kearn P.; Kelly, Steven	TR	PNNL	Pacific Northwest National Laboratory	1/1/2014
1120088	Learning from the Past, Looking to the Future: Modeling Social Unrest in Karachi, Pakistan	Olson, Jarrod; Kurzrok, Andrew J.; Hund, Gretchen; Fagley, Erik M.	TR	PNNL	Pacific Northwest National Laboratory	1/1/2014
1121533	Geochemical and Geomechanical Effects on Wellbore Cement Fractures: Data Information for Wellbore Reduced	Um, Wooyoung; Jung, Hun Bok; Kabilan, Senthil; Suh, Dong-Myung; Fernandez, Carlos A.	TR	PNNL	Pacific Northwest National Laboratory	1/1/2014
1123239	Methodology for Estimating the Aqueous Radionuclide Inventory from a Severe Reactor Accident	Napier, Bruce A.; Yabusaki, Steven B.	TR	PNNL	Pacific Northwest National Laboratory	1/1/2014
1124047	Task 6 - Subtask 1: PNNL Visit by JAEA Researchers to Evaluate the Feasibility of the FLESCOT Code for the Future	Onishi, Yasuo	TR	PNNL	Pacific Northwest National Laboratory	1/1/2014

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1127292	99Tc Process Monitoring System In-Lab Performance Characterization	O'Hara, Matthew J.; Niver, Cynthia M.	TR	PNNL	Pacific Northwest National Laborator	1/1/2014
1132234	Preliminary Feasibility Assessment of Integrating CCHP with NW Food Processing Plant #1: Modeling Documentation	Hoffman, Michael G.; Srivastava, Viraj; Wagner, Anne W.; Makhmalbaf, Atefe; Thornton, John	TR	PNNL	Pacific Northwest National Laborator	1/1/2014
1114882	LESSONS LEARNED Biosurveillance Mobile App Development Intern Competition (Summer 2013)	Noonan, Christine F.; Henry, Michael J.; Corley, Courtney D.	TR	PNNL	Pacific Northwest National Laborator	1/14/2014
1122315	FY13 Annual Progress Report for SECA Core Technology Program	Stevenson, Jeffrey W.; Koeppel, Brian J.	TR	PNNL	Pacific Northwest National Laborator	1/31/2014
1122316	FY14 Q1 Progress Report for SECA Core Technology Program	Stevenson, Jeffrey W.; Koeppel, Brian J.	TR	PNNL	Pacific Northwest National Laborator	1/31/2014
1131374	TRL Computer System User's Guide	Engel, David W.; Dalton, Angela C.	TR	PNNL	Pacific Northwest National Laborator	1/31/2014
1122312	Representative Atmospheric Plume Development for Elevated Releases	Eslinger, Paul W.; Lowrey, Justin D.; McIntyre, Justin I.; Miley, Harry S.; Prichard, Andrew W.	TR	PNNL	Pacific Northwest National Laborator	2/1/2014
1122313	Stratigraphic Profiles for Selected Hanford Site Seismometer Stations and Other Locations	Last, George V.	TR	PNNL	Pacific Northwest National Laborator	2/1/2014
1122314	CALIPER Retail Lamps Study 3	Royer, Michael P.; Beeson, Tracy A.	TR	PNNL	Pacific Northwest National Laborator	2/1/2014
1132690	AEP Ohio gridSMART Demonstration Project Real-Time Pricing Demonstration Analysis	Widergren, Steven E.; Subbarao, Krishnappa; Fuller, Jason C.; Chassin, David P.; Somani, Abhishek; Morrison, Maria C.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	2/1/2014
1160200	Smart and Green Energy (SAGE) for Base Camps Final Report	Engels, Matthias; Boyd, Paul A.; Koehler, Theresa M.; Goel, Supriya; Sisk, Daniel R.; Hesterman, William J.; Morrison, Maria C.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	2/11/2014
1124045	Robust Indicators of Nonproliferation Performance	Cowan, Mara R.; Kurzrok, Andrew J.	TR	PNNL	Pacific Northwest National Laborator	2/13/2014
1149671	Evaluation of Gas Retention in Waste Simulants: Intermediate-Scale Column and Open-Channel-Depth Tests	Powell, Michael R.; Gauglitz, Phillip A.; Denslow, Kayte M.; Fischer, Christopher M.; Heldebrant, Robert J.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	2/14/2014
1126338	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY 2014 First Quarter Report	Nguyen, Ba Nghiep; Sanborn, Scott E.; Simmons, Kevin L.; Mathur, Raj N.; Sangid, Michael B.; Vinski, Vlastimir; Gault, James G.; Hess, Nancy J.; Brown, Gordon E.; Plata, Charity	TR	PNNL	Pacific Northwest National Laborator	2/19/2014
1128632	Belowground Carbon Cycling Processes at the Molecular Scale: An EMSL Science Theme Advisory Panel Workshop	Hess, Nancy J.; Brown, Gordon E.; Plata, Charity	TR	PNNL	Pacific Northwest National Laborator	2/21/2014
1126339	Protocol for Identifying the Presence of and Understanding the Nature of Soluble, Non-pertechnetate Technetium in Waste	Rapko, Brian M.	TR	PNNL	Pacific Northwest National Laborator	2/27/2014
1124046	Visual Sample Plan Version 7.0 User's Guide	Matzke, Brett D.; Newburn, Lisa LN; Hathaway, John E.; Bramer, Lisa M.; Wilson, John E.; Gault, James G.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/1/2014
1126337	Duke Energy Photovoltaic Integration Study: Carolinas Service Areas	Lu, Shuai; Samaan, Nader A.; Meng, Da; Chassin, Forrest S.; Zhang, Yu; Vyakaranam, Ganesh; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/1/2014
1131375	ANSI/ASHRAE/IES Standard 90.1-2013 Preliminary Determination: Qualitative Analysis	Halverson, Mark A.; Hart, Reid; Athalye, Rahul A.; Rosenberg, Michael I.; Richman, Eric E.; Wang, Weimin; Zhang, Jian; Mendon, Vrushali	TR	PNNL	Pacific Northwest National Laborator	3/1/2014
1131376	ANSI/ASHRAE/IES Standard 90.1-2013 Preliminary Determination: Quantitative Analysis	Halverson, Mark A.; Rosenberg, Michael I.; Wang, Weimin; Zhang, Jian; Mendon, Vrushali	TR	PNNL	Pacific Northwest National Laborator	3/1/2014
1159792	DEMONSTRATION REPORT FOR VISUAL SAMPLE PLAN REMEDIAL INVESTIGATION (VSP-RI) SAMPLING METHODS AT THE MOLOUCHIE SITE IN TENNESSEE	Pulsipher, Brent A.; Hathaway, John E.; Matzke, Brett D.; Wilson, John E.; Newburn, Lisa LN	TR	PNNL	Pacific Northwest National Laborator	3/11/2014
1140108	DNDO Analysis Cell Concept	Pagh, Richard T.; Dimmerling, Paul J.; Guillen, Zoe C.; Hoyt, Joel R.; Jarman, Kenneth D.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/12/2014
1126336	Process Design and Economics for the Conversion of Algal Biomass to Hydrocarbons: Whole Algae Hydrothermal	Jones, Susanne B.; Zhu, Yunhua; Anderson, Daniel B.; Hallen, Richard T.; Elliott, Douglas C.; Gault, James G.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/20/2014
1126340	Analysis of the Chinese Market for Building Energy Efficiency	Yu, Sha; Evans, Meredydd; Shi, Qing	TR	PNNL	Pacific Northwest National Laborator	3/20/2014
1130661	Final Assessment of Manual Ultrasonic Examinations Applied to Detect Flaws in Primary System Dissimilar Metal	Anderson, Michael T.; Diaz, Aaron A.; Cinson, Anthony D.; Crawford, Susan L.; Prowant, Matthew C.; Bramer, Lisa M.	TR	PNNL	Pacific Northwest National Laborator	3/24/2014
1126852	Energy Efficiency Pilot Projects in Jaipur: Testing the Energy Conservation Building Code	Evans, Meredydd; Mathur, Jyotirmay; Yu, Sha	TR	PNNL	Pacific Northwest National Laborator	3/26/2014
1128633	Building Energy Efficiency in India: Compliance Evaluation of Energy Conservation Building Code	Yu, Sha; Evans, Meredydd; Delgado, Alison	TR	PNNL	Pacific Northwest National Laborator	3/26/2014
1129367	Biodetection Technologies for First Responders: 2014 Edition	Ozanich, Richard M.; Baird, Cheryl L.; Bartholomew, Rachel A.; Colburn, Heather A.; Gault, James G.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/28/2014
1130246	Passage Distribution and Federal Columbia River Power System Survival for Steelhead Kelts Tagged Above and at	Colotelo, Alison HA; Harnish, Ryan A.; Jones, Bryan W.; Hanson, Amanda C.; Trott, Donna M.; Gault, James G.; Hesterman, William J.	TR	PNNL	Pacific Northwest National Laborator	3/28/2014
1130662	Preliminary Three-Dimensional Simulation of Sediment and Cesium Transport in the Ogi Dam Reservoir using FLESCOT	Onishi, Yasuo; Kurikami, Hiroshi; Yokuda, Satoru T.	TR	PNNL	Pacific Northwest National Laborator	3/28/2014
1130663	Simulation of Sediment and Cesium Transport in the Ukedo River and the Ogi Dam Reservoir during a Rainfall Event	Onishi, Yasuo; Yokuda, Satoru T.; Kurikami, Hiroshi	TR	PNNL	Pacific Northwest National Laborator	3/28/2014
1131373	FY13 Summary Report on the Augmentation of the Spent Fuel Composition Dataset for Nuclear Forensics:	Brady Raap, Michaele C.; Lyons, Jennifer A.; Collins, Brian A.; Livingston, James V.	TR	PNNL	Pacific Northwest National Laborator	3/31/2014

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1133994	RTU Comparison Calculator Enhancement Plan	Miller, James D.; Wang, Weimin; Katipamula, Srinivas	TR	PNNL	Pacific Northwest National Laborator	3/31/2014
1136614	CAS-NETL-PNNL CEP Program Final Report	King, David L.; Spies, Kurt A.; Rainbolt, James E.; Zhang, Keling	TR	PNNL	Pacific Northwest National Laborator	3/31/2014
1136615	Task 3.3: Warm Syngas Cleanup and Catalytic Processes for Syngas Conversion to Fuels Subtask 3: Advanced Syngas	Lebarbier Dagel, Vanessa M.; Li, J.; Taylor, Charles E.; Wang, Yong; Dagle, Robert A.;	TR	PNNL	Pacific Northwest National Laborator	3/31/2014
1129365	Bounding the marginal cost of producing potable water including the use of seawater desalination as a backstop	Dooley, James J.	TR	PNNL	Pacific Northwest National Laborator	4/1/2014
1129368	Laboratory Directed Research and Development Annual Report for 2013	Sullivan, Kelly O.	TR	PNNL	Pacific Northwest National Laborator	4/1/2014
1132689	Concept of Operations: Essence	Hutton, William J.	TR	PNNL	Pacific Northwest National Laborator	4/1/2014
1132691	Behavioral Change and Building Performance: Strategies for Significant, Persistent, and Measurable Institutional Change	Wolfe, Amy K.; Malone, Elizabeth L.; Heerwagen, Judith H.; Dion, Jerome P.	TR	PNNL	Pacific Northwest National Laborator	4/1/2014
1157002	Quality Assurance Procedures for ModCat Database Code Files	Siciliano, Edward R.; Devanathan, Ram; Guillen, Zoe C.; Kouzes, Richard T.; Schweppe, John E.	TR	PNNL	Pacific Northwest National Laborator	4/1/2014
1135716	Determination of Method Detection Limits for Trace 232-Thorium and 238-Uranium in Copper using Ion Exchange	Hoppe, Eric W.; LaFerriere, Brian D.; Maiti, Tapas C.; Soin, Aleksandr	TR	PNNL	Pacific Northwest National Laborator	4/15/2014
1129366	Enhancements to ASHRAE Standard 90.1 Prototype Building Models	Goel, Supriya; Athalye, Rahul A.; Wang, Weimin; Zhang, Jian; Rosenberg, Michael I.; Xie, Yulong; West, Philip D.; Mendenhall, Michael V.	TR	PNNL	Pacific Northwest National Laborator	4/16/2014
1130248	Experimental Design for a Macrofoam Swab Study Relating the Recovery Efficiency and False Negative Rate to Low	Piepel, Gregory F.; Hutchison, Janine R.	TR	PNNL	Pacific Northwest National Laborator	4/16/2014
1149669	Fast Pyrolysis and Hydrotreating 2013 State of Technology R&D and Projections to 2017	Jones, Susanne B.; Snowden-Swan, Lesley J.; Meyer, Pimphan A.; Zacher, Alan H.; Olarte, Mercedes	TR	PNNL	Pacific Northwest National Laborator	4/16/2014
1134526	Preliminary Thermal Modeling of HI-STORM 100 Storage Modules at Diablo Canyon Power Plant ISFSI	Cuta, Judith M.; Adkins, Harold E.	TR	PNNL	Pacific Northwest National Laborator	4/17/2014
1149235	Fuel Fabrication Capability Research and Development Plan	Senor, David J.; Burkes, Douglas	TR	PNNL	Pacific Northwest National Laborator	4/17/2014
1130247	VOLTRON: User Guide	Lutes, Robert G.; Katipamula, Srinivas; Akyol, Bora A.; Tenney, Nathan D.; Haack, Jereme N.;	TR	PNNL	Pacific Northwest National Laborator	4/24/2014
1130664	Technology Evaluation for Conditioning of Hanford Tank Waste Using Solids Segregation and Size Reduction	Restivo, Michael L.; Stone, M. E.; Herman, D. T.; Lambert, Daniel P.; Duignan, Mark R.; Smith, Christopher	TR	PNNL	Pacific Northwest National Laborator	4/24/2014
1132692	Technology Assessment for Proof-of-Concept UF6 Cylinder Unique Identification Task 3.1.2 Report "Survey and	Wylie, Joann; Hockert, John	TR	PNNL	Pacific Northwest National Laborator	4/24/2014
1130666	Technetium Immobilization Forms Literature Survey	Westsik, Joseph H.; Cantrell, Kirk J.; Serne, R. Jeffrey; Qafoku, Nikolla	TR	PNNL	Pacific Northwest National Laborator	5/1/2014
1133233	Identification of RESNET HERS Index Values Corresponding to Minimal Compliance with the IECC Performance Path	Taylor, Zachary T.; Mendon, Vrushali V.	TR	PNNL	Pacific Northwest National Laborator	5/1/2014
1149236	Marine Sciences Laboratory Radionuclide Air Emissions Report for Calendar Year 2013	Snyder, Sandra F.; Barnett, J. Matthew; Ballinger, Marcel Y.	TR	PNNL	Pacific Northwest National Laborator	5/1/2014
1130665	Technetium Inventory, Distribution, and Speciation in Hanford Tanks	Serne, R. Jeffrey; Rapko, Brian M.	TR	PNNL	Pacific Northwest National Laborator	5/2/2014
1133992	Best Practices for HPSB Guiding Principles Implementation in Existing DOE Buildings	Henderson, Jordan W.	TR	PNNL	Pacific Northwest National Laborator	5/6/2014
1149668	Downlight Demonstration Program: Hilton Columbus Downtown	Davis, Robert G.; Perrin, Tess E.	TR	PNNL	Pacific Northwest National Laborator	5/13/2014
1136239	Evaluation of Gas Retention in Waste Simulants: Tall Column Experiments	Schonewill, Philip P.; Gauglitz, Phillip A.; Shimskey, Rick W.; Denslow, Kayte M.; Powell, William	TR	PNNL	Pacific Northwest National Laborator	5/16/2014
1149238	Hanford Apatite Treatability Test Report Errata: Apatite Mass Loading Calculation	Szecsody, James E.; Vermeul, Vincent R.; Williams, Mark D.; Truex, Michael J.	TR	PNNL	Pacific Northwest National Laborator	5/19/2014
1133993	DOE CALiPER Program, Report 21.2: Linear (T8) LED Lamp Performance in Five Types of Recessed Troffers	Miller, Naomi J.; Perrin, Tess E.; Royer, Michael P.; Wilkerson, Andrea M.; Beeson, Tracy A.	TR	PNNL	Pacific Northwest National Laborator	5/20/2014
1136238	The FEMP Awards Program: Fostering Institutional Change and Energy Management Excellence	McDermott, Christa; Malone, Elizabeth L.	TR	PNNL	Pacific Northwest National Laborator	5/20/2014
1136616	Silicate Based Glass Formulations for Immobilization of U.S. Defense Wastes Using Cold Crucible Induction Melters	Smith, Gary L.; Kim, Dong-Sang; Schweiger, Michael J.; Marra, James C.; Lang, Jesse B.;	TR	PNNL	Pacific Northwest National Laborator	5/22/2014
1150803	CALiPER Report 21.3: Cost-Effectiveness of Linear (T8) LED Lamps	Miller, Naomi J.; Perrin, Tess E.; Royer, Michael P.	TR	PNNL	Pacific Northwest National Laborator	5/27/2014
1134527	Energy and Water Conservation Assessment of the Radiochemical Processing Laboratory (RPL) at Pacific	Johnson, Stephanie R.; Koehler, Theresa M.; Boyd, Brian K.	TR	PNNL	Pacific Northwest National Laborator	5/31/2014
1136237	Phased Array Ultrasonic Sound Field Mapping in Cast Austenitic Stainless Steel	Crawford, Susan L.; Prowant, Matthew S.; Cinson, Anthony D.; Larche, Michael R.; Diaz, Anthony	TR	PNNL	Pacific Northwest National Laborator	5/31/2014
1149233	Road Map for Development of Crystal-Tolerant High Level Waste Glasses	Matyas, Josef; Vienna, John D.; Peeler, David; Fox, Kevin; Herman, Connie; Kruger, Albert A.	TR	PNNL	Pacific Northwest National Laborator	5/31/2014

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1149670	Evaluation of Low-E Storm Windows in the PNNL Lab Homes	Knox, Jake R.; Widder, Sarah H.	TR	PNNL	Pacific Northwest National Laboratory	5/31/2014
1136613	Protocol for Uniformly Measuring and Expressing the Performance of Energy Storage Systems	Conover, David R.; Crawford, Aladsair J.; Viswanathan, Vilayanur V.; Ferreira, Summer;	TR	PNNL	Pacific Northwest National Laboratory	6/1/2014
1140107	STP K Basin Sludge Sample Archive at the Pacific Northwest National Laboratory FY2014	Fiskum, Sandra K.; Smoot, Margaret R.; Schmidt, Andrew J.	TR	PNNL	Pacific Northwest National Laboratory	6/1/2014
1149237	Pacific Northwest National Laboratory Campus Radionuclide Air Emissions Report for Calendar Year 2013	Snyder, Sandra F.; Barnett, J. Matthew; Bisping, Lynn E.	TR	PNNL	Pacific Northwest National Laboratory	6/1/2014
1136240	Evaluation on the Feasibility of Using Ultrasonic Testing of Reactor Pressure Vessel Welds for Assessing Flaw	Sullivan, Edmund J.; Anderson, Michael T.	TR	PNNL	Pacific Northwest National Laboratory	6/10/2014
1135717	Informal Preliminary Report on Comparisons of Prototype SPN-1 Radiometer to PARSL Measurements	Long, Charles N.	TR	PNNL	Pacific Northwest National Laboratory	6/17/2014
1135715	Assessing National Employment Impacts of Investment in Residential and Commercial Sector Energy Efficiency:	Anderson, David M.; Belzer, David B.; Livingston, Olga V.; Scott, Michael J.	TR	PNNL	Pacific Northwest National Laboratory	6/18/2014
1149234	Preliminary Determination Analysis of the 2015 IECC	Mendon, Vrushali V.; Taylor, Zachary T.; Rao, Sagar U.; Xie, YuLong	TR	PNNL	Pacific Northwest National Laboratory	6/30/2014
1148626	Field-Derived Hydraulic Properties for Perched-Water Aquifer Wells 299-E33-350 and 299-E33-351, Hanford Site B	Newcomer, Darrell R.	TR	PNNL	Pacific Northwest National Laboratory	7/1/2014
1148627	Technetium and Iodine Getters to Improve Cast Stone Performance	Qafoku, Nikolla; Neeway, James J.; Lawter, Amanda R.; Levitskaia, Tatiana G.; Serne, R.	TR	PNNL	Pacific Northwest National Laboratory	7/1/2014
1159319	Spent Nuclear Fuel Measurements	Fast, James E.; Chenault, Jeffrey W.; Glasgow, Brian D.; Rodriguez, Douglas C.; VanDevender,	TR	PNNL	Pacific Northwest National Laboratory	7/1/2014
1165331	LED Lighting in a Performing Arts Building at the University of Florida	Miller, Naomi J.; Kaye, Stan; Coleman, Patricia; Wilkerson, Andrea M.; Perrin, Tess E.; Sullivan,	TR	PNNL	Pacific Northwest National Laboratory	7/1/2014
1150804	Ion Exchange Testing with SRF Resin FY 2012	Russell, Renee L.; Rinehart, Donald E.; Peterson, Reid A.	TR	PNNL	Pacific Northwest National Laboratory	7/2/2014
1158499	Morphology of Gas Release in Physical Simulants	Daniel, Richard C.; Burns, Carolyn A.; Crawford, Amanda D.; Hylden, Laura R.; Bryan, Samuel A.;	TR	PNNL	Pacific Northwest National Laboratory	7/3/2014
1163443	Technical Basis for PNNL Beryllium Inventory	Johnson, Michelle Lynn	TR	PNNL	Pacific Northwest National Laboratory	7/9/2014
1149672	Impact of Ducting on Heat Pump Water Heater Space Conditioning Energy Use and Comfort	Widder, Sarah H.; Petersen, Joseph M.; Parker, Graham B.; Baechler, Michael C.	TR	PNNL	Pacific Northwest National Laboratory	7/21/2014
1156999	Logistics, Costs, and GHG Impacts of Utility Scale Cofiring with 20% Biomass	Boardman, Richard D.; Cafferty, Kara G.; Nichol, Corrie; Searcy, Erin M.; Westover, Tyler; Wood,	TR	PNNL	Pacific Northwest National Laboratory	7/22/2014
1148628	Application Summary Report 22: LED MR16 Lamps	Royer, Michael P.	TR	PNNL	Pacific Northwest National Laboratory	7/23/2014
1165327	Whole Algae Hydrothermal Liquefaction: 2014 State of Technology	Jones, Susanne B.; Zhu, Yunhua; Snowden-Swan, Lesley J.; Anderson, Daniel; Hallen,	TR	PNNL	Pacific Northwest National Laboratory	7/30/2014
1159028	Evaluation of Side Stream Filtration Technology at Oak Ridge National Laboratory	Boyd, Brian K.	TR	PNNL	Pacific Northwest National Laboratory	8/1/2014
1163821	A Strategy to Conduct an Analysis of the Long-Term Performance of Low-Activity Waste Glass in a Shallow	Neeway, James J.; Pierce, Eric M.; Freedman, Vicky L.; Ryan, Joseph V.; Qafoku, Nikolla	TR	PNNL	Pacific Northwest National Laboratory	8/4/2014
1160198	Mickey Leland Energy Fellowship Report: Development of Advanced Window Coatings	Bolton, Ladena A.; Alvine, Kyle J.; Schemer-Kohrn, Alan L.	TR	PNNL	Pacific Northwest National Laboratory	8/5/2014
1160202	Conceptual Design for the Pilot-Scale Plutonium Oxide Processing Unit in the Radiochemical Processing Laboratory	Lumetta, Gregg J.; Meier, David E.; Tingey, Joel M.; Casella, Amanda J.; Delegard, Calvin H.;	TR	PNNL	Pacific Northwest National Laboratory	8/5/2014
1160197	PNNL Highlights for the Office of Basic Energy Sciences (July 2013-July 2014)	Anderson, Benjamin; Warren, Pamela M.; Manke, Kristin L.	TR	PNNL	Pacific Northwest National Laboratory	8/13/2014
1150201	Predictive Engineering Tools for Injection-molded Long-Carbon-Fiber Thermoplastic Composites - FY 2014 Third	Nguyen, Ba Nghiep; Sanborn, Scott E.; Mathur, Raj N.; Sharma, Bhisam; Sangid, Michael D.;	TR	PNNL	Pacific Northwest National Laboratory	8/15/2014
1158500	2013 Distributed Wind Market Report	Orrell, Alice C.; Rhoads-Weaver, H. E.; Flowers, Larry T.; Gagne, Matthew N.; Pro, Boyd H.;	TR	PNNL	Pacific Northwest National Laboratory	8/20/2014
1150802	Overview of Development and Deployment of Codes, Standards and Regulations Affecting Energy Storage System	Conover, David R.	TR	PNNL	Pacific Northwest National Laboratory	8/22/2014
1159318	The Cost-Effectiveness of Investments to Meet the Guiding Principles for High-Performance Sustainable Buildings on	Cort, Katherine A.; Judd, Kathleen S.	TR	PNNL	Pacific Northwest National Laboratory	8/29/2014
1165332	TRUE COLORS: LEDS AND THE RELATIONSHIP BETWEEN CCT, CRI, OPTICAL SAFETY, MATERIAL DEGRADATION, AND	Royer, Michael P.	TR	PNNL	Pacific Northwest National Laboratory	8/30/2014
1159789	A Comprehensive System of Energy Intensity Indicators for the U.S.: Methods, Data and Key Trends	Belzer, David B.	TR	PNNL	Pacific Northwest National Laboratory	8/31/2014
1159320	Federal High Performance and Sustainable Buildings: Guiding Principles for the Laboratory Support Building (LSB)	Pope, Jason E.	TR	PNNL	Pacific Northwest National Laboratory	9/1/2014
1162368	Science-Driven Candidate Search for New Scintillator Materials	Gao, Fei; Kerisit, Sebastien N.; Xie, YuLong; Wu, Dangxin; Prange, Micah P.; Van Ginhoven,	TR	PNNL	Pacific Northwest National Laboratory	9/1/2014



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1157001	Database of Low-e Storm Window Energy Performance across U.S. Climate Zones	Culp, Thomas D.; Cort, Katherine A.	TR	PNNL	Pacific Northwest National Laborator	9/4/2014
1159790	ANSI/ASHRAE/IES Standard 90.1-2013 Determination of Energy Savings: Qualitative Analysis	Halverson, Mark A.; Rosenberg, Michael I.; Hart, Philip R.; Richman, Eric E.; Athalye, Rahul	TR	PNNL	Pacific Northwest National Laborator	9/4/2014
1159791	ANSI/ASHRAE/IES Standard 90.1-2013 Determination of Energy Savings: Quantitative Analysis	Halverson, Mark A.; Athalye, Rahul A.; Rosenberg, Michael I.; Xie, YuLong; Wang,	TR	PNNL	Pacific Northwest National Laborator	9/4/2014
1157000	Inventory of Safety-related Codes and Standards for Energy Storage Systems with some Experiences related to	Conover, David R.	TR	PNNL	Pacific Northwest National Laborator	9/11/2014
1158501	Organic Separation Test Results	Russell, Renee L.; Rinehart, Donald E.; Peterson, Reid A.	TR	PNNL	Pacific Northwest National Laborator	9/22/2014
1160199	Literature Review of Spherical Resorcinol-Formaldehyde for Cesium Ion Exchange	Brown, Garrett N.	TR	PNNL	Pacific Northwest National Laborator	9/30/2014
1160201	Assessment of the LV-S2 & LV-S3 Stack Sampling Probe Locations for Compliance with ANSI/HPS N13.1-1999	Glissmeyer, John A.; Antonio, Ernest J.; Flaherty, Julia E.; Amidan, Brett G.	TR	PNNL	Pacific Northwest National Laborator	9/30/2014
1165329	Long-term Testing Results for the 2008 Installation of LED Luminaires at the I-35 West Bridge in Minneapolis	Kinzey, Bruce R.; Davis, Robert G.	TR	PNNL	Pacific Northwest National Laborator	9/30/2014
1165330	The Municipal Solid-State Street Lighting Consortium Public Outdoor Lighting Inventory: Phase I: Survey Results	Kinzey, Bruce R.; Smalley, Edward; Haefer, R.	TR	PNNL	Pacific Northwest National Laborator	9/30/2014
1159793	Clothes Dryer Automatic Termination Evaluation	TeGrotenhuis, Ward E.	TR	PNNL	Pacific Northwest National Laborator	10/1/2014
1159794	Clothes Dryer Automatic Termination Sensor Evaluation	TeGrotenhuis, Ward E.	TR	PNNL	Pacific Northwest National Laborator	10/1/2014
1165328	Science-Driven Candidate Search for New Scintillator Materials: FY 2014 Annual Report	Kerisit, Sebastien N.; Gao, Fei; Xie, YuLong; Campbell, Luke W.; Wu, Dangxin; Prange, Micah	TR	PNNL	Pacific Northwest National Laborator	10/1/2014
1162369	Global Social Media Directory: A Resource Guide	Noonan, Christine F.; Platt, Andrew W.	TR	PNNL	Pacific Northwest National Laborator	10/23/2014
1163820	Commercial Building Tenant Energy Usage Aggregation and Privacy	Livingston, Olga V.; Pulsipher, Trenton C.; Anderson, David M.; Wang, Na	TR	PNNL	Pacific Northwest National Laborator	10/31/2014
1165325	Technical Analysis of Installed Micro-Combined Heat and Power Fuel-Cell System	Brooks, Kriston P.; Makhmalbaf, Atefe	TR	PNNL	Pacific Northwest National Laborator	10/31/2014
1164203	Commercial Building Tenant Energy Usage Data Aggregation and Privacy: Technical Appendix	Livingston, Olga V.; Pulsipher, Trenton C.; Anderson, David M.	TR	PNNL	Pacific Northwest National Laborator	11/12/2014
1165634	100-OL-1 Operable Unit Pilot Study: XRF Evaluation of Select Pre-Hanford Orchards	Bunn, Amoret L.; Fritz, Brad G.; Pulsipher, Brent A.; Gorton, Alicia M.; Bisping, Lynn E.;	TR	PNNL	Pacific Northwest National Laborator	11/20/2014
1133232	Preliminary Economics for Hydrocarbon Fuel Production from Cellulosic Sugars	Collett, James R.; Meyer, Pimphan A.; Jones, Susanne B.	TR	PNNL	Pacific Northwest National Laborator	5/18/2014
1160203	Intermediate-Scale Laboratory Experiments of Subsurface Flow and Transport Resulting from Tank Leaks	Oostrom, Martinus; Wietsma, Thomas W.	TR	PNNL	Pacific Northwest National Laborator	9/30/2014
1164970	Validated Models for Radiation Response and Signal Generation in Scintillators: Final Report	Kerisit, Sebastien N.; Gao, Fei; Xie, YuLong; Campbell, Luke W.; Van Ginhoven, Renee M.;	TR	PNNL	Pacific Northwest National Laborator	12/1/2014
1149489	Recent Progress on Spherical Torus Research	Ono, Masayuki [PPPL]; Kaita, Robert [PPPL]	TR	PPPL	Princeton Plasma Physics Laboratory	1/1/2014
1128922	Comment on "Mode Conversion of Waves In The Ion-Cyclotron Frequency Range in Magnetospheric Plasmas"	Kim, Eun [Princeton Plasma Physics Lab. (PPPL), Princeton, NJ (United States)]; Johnson, J. R.	TR	PPPL	Princeton Plasma Physics Laboratory	2/1/2014
1121753	Self-organisation Processes In The Carbon ARC For Nanosynthesis	Ng, J.; Raitses, Yefgeny [Princeton Plasma Physics Lab., Princeton, NJ (United States)]	TR	PPPL	Princeton Plasma Physics Laboratory	2/2/2014
1129011	Effect of Deuterium Gas Puff On The Edge Plasma In NSTX	Zweben, S. J.	TR	PPPL	Princeton Plasma Physics Laboratory	2/20/2014
1129013	Edge Equilibrium Code (EEC) For Tokamaks	Li, Xujling	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1129014	The Virtual-casing Principle For 3D Toroidal Systems	Lazerson, Samuel A.	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1129015	Aerodynamic Focusing Of High-Density Aerosols	Ruiz, D. E.; Fisch, Nathaniel	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1129022	The Effects Of Finite Electron Temperature And Diffraction On Lower Hybrid Wave Propagation	White, J. C.; Bertelli, M.	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1129025	Estimation of Heavy Ion Densities From Linearly Polarized EMIC Waves At Earth	Kim, Eun-Hwa; Johnson, Jay R.; Lee, Dong-Hun	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1129032	Experimental Test Of Whether Electrostatically Charged Micro-organisms And Their Spores Contribute To The Onset	none,; Grisham, Larry R.	TR	PPPL	Princeton Plasma Physics Laboratory	2/24/2014
1128925	Self-organisation Processes In The Carbon ARC For Nanosynthesis	Ng, Jonathan; Raitses, Yefgeny	TR	PPPL	Princeton Plasma Physics Laboratory	2/26/2014
1129012	Enhanced Efficiency of Internal Combustion Engines By Employing Spinning Gas	Geyko, Vasily; Fisch, Nathaniel	TR	PPPL	Princeton Plasma Physics Laboratory	2/27/2014

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1128924	Reduced Fast Ion Transport Model For The Tokamak Transport Code TRANSP	Podesta,, Mario; Gorelenkova, Marina; White, Roscoe	TR	PPPL	Princeton Plasma Physics Laboratory	2/28/2014
1128918	Electromagnetic Analysis For The Design Of ITER Diagnostic Port Plugs During Plasma Disruptions	Zhai, Y	TR	PPPL	Princeton Plasma Physics Laboratory	3/3/2014
1127360	The Physics of Basis For A Conservative Physics And Conservative Technology Tokamak Power Plant, ARIES-CTO	Kessel, C. E.	TR	PPPL	Princeton Plasma Physics Laboratory	3/4/2014
1127358	The ARIES Advanced And Conservative Tokamak (ACT) Power Plant Study	Kessel, C. E.; Poli, F. M.; Ghantous, K.; Gorelenkov, N. [Princeton Plasma Physics Lab., Princeton, NJ]	TR	PPPL	Princeton Plasma Physics Laboratory	3/5/2014
1128915	The Physics Basis For An Advanced Physics And Advanced Technology Tokamak Power Plant Configuration, ARIES-CTO	Charles Kessel, et al	TR	PPPL	Princeton Plasma Physics Laboratory	3/5/2014
1127356	A Zero Knowledge Protocol For Nuclear Warhead Verification	Glaser, Alexander [Princeton, Univ., NJ (United States)]. Program on Science and Global Security	TR	PPPL	Princeton Plasma Physics Laboratory	3/14/2014
1127226	Parametric Dependence Of Fast-ion Transport Events On The National Spherical Torus Experiment	Fredrickson, Erik; Gorelenkov, N. N.; Podesta, M.; Gerhardt, S. P.; Bell, R. E.; Diallo, A.; Blaine, B. [Princeton Plasma Physics Lab., Princeton, NJ]	TR	PPPL	Princeton Plasma Physics Laboratory	3/31/2014
1127228	Runaway Geneeration In Disruptions Of Plasmas In TFTR	Fredrickson, E. D.; Bell, M. G.; Taylor, G.; Medley, S. S. [Princeton Plasma Physics Lab., Princeton, NJ]	TR	PPPL	Princeton Plasma Physics Laboratory	3/31/2014
1148703	Quasilinear Carbon Transport In An Impurity Hole Plasma In LHD	Mikkelsen, David R. [PPPL]; Tanaka, K. [NIFS]; Nunami, M. [NIFS]; Watanabe, T-H. [Nagoya University, Gokisocho, NIFSI, Yochinogawa, Nagoya, Japan]	TR	PPPL	Princeton Plasma Physics Laboratory	4/1/2014
1129429	BEAMS3D Neutral Beam Injection Model	Lazerson, Samuel	TR	PPPL	Princeton Plasma Physics Laboratory	4/14/2014
1129427	Laboratory Study Of Magnetic Reconnection With A Density Asymmetry Across The Current Sheet	Yoo, Joseph; Yamada, Masaaki; Ji, Hantao; Meyers,, Clayton E.; Jara-Almonte, ; Chen, Li-Jen	TR	PPPL	Princeton Plasma Physics Laboratory	4/18/2014
1149143	Inferring Magnetospheric Heavy Ion Density using EMIC Waves	Kim, Eun-Hwa; Johnson, Jay R.; Kim, Hyomin; Lee, Dong-Hun	TR	PPPL	Princeton Plasma Physics Laboratory	5/1/2014
1165351	Magnetic Diagnostics For Equilibrium Reconstruction And Realtime Plasma Control In NSTX-Upgrade	Gerhardt, Stefan P. [PPPL]; Erickson, Keith [PPPL]; Kaita, Robert [PPPL]; Lawson, John [PPPL]	TR	PPPL	Princeton Plasma Physics Laboratory	6/1/2014
1165350	Progress In Understanding The Enhanced Petestal H-mode In NSTX	Gerhardt, S. P.; Canik, J. M.; Maingi, R.; Battaglia, D.; Bell, R. E.; Guttenfelder, W.; Jara-Almonte, C. E.; Marmar, E. S.	TR	PPPL	Princeton Plasma Physics Laboratory	6/26/2014
1163297	Determine Minimum Silver Flake Addition to GCM for Iodine Loaded AgZ	Garino, Terry J.; Nenoff, Tina M.; Rodriguez, Mark A.	TR	SNL	Sandia National Laboratories (SNL), A	4/1/2014
1164536	MELCOR/CONTAIN LMR Implementation Report. FY14 Progress	Humphries, Larry L; Louie, David L.Y.	TR	SNL-A	Sandia National Laboratories (SNL), A	10/1/2014
1127119	H2FIRST: A partnership to advance hydrogen fueling station technology driving an optimal consumer experience.	Moen, Christopher D.; Dedrick, Daniel E.; Pratt, Joseph William; Balfour, Bruce; Noma, Edwin	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2014
1127097	A simple model of gas flow in a porous powder compact.	Shugard, Andrew D.; Robinson, David B.	TR	SNL	Sandia National Laboratories (SNL-CA)	4/1/2014
1139981	Heavy Duty Vehicle Futures Analysis.	Askin, Amanda Christine; Barter, Garrett.; West, Todd H.; Manley, Dawn Kataoka	TR	SNL	Sandia National Laboratories (SNL-CA)	5/1/2014
1143421	Site environmental report for 2013. Sandia National Laboratories, California.	Larsen, Barbara L.	TR	SNL	Sandia National Laboratories (SNL-CA)	6/1/2014
1149303	Advanced Diagnostics for High Pressure Spray Combustion.	Skeen, Scott A.; Manin, Julien Luc; Pickett, Lyle M.	TR	SNL	Sandia National Laboratories (SNL-CA)	6/1/2014
1149305	High-Assurance Software: LDRD Report.	Hulette, Geoffrey Compton	TR	SNL	Sandia National Laboratories (SNL-CA)	6/1/2014
1150850	Time-Resolved Quantitative Measurement of OH HO2 and CH2O in Fuel Oxidation Reactions by High Resolution IR	Huang, Haifeng; Rotavera, Brandon; Taatjes, Craig A.	TR	SNL	Sandia National Laboratories (SNL-CA)	8/1/2014
1156935	A 3D Orthotropic Strain-Rate Dependent Elastic Damage Material Model.	English, Shawn Allen	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1157594	Results from field tests of the one-dimensional Time-Encoded Imaging System.	Marleau, Peter; Brennan, James S.; Brubaker, Erik	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1159041	Results from laboratory tests of the two-dimensional Time-Encoded Imaging System.	Marleau, Peter; Brennan, James S.; Brubaker, Erik; Gerling, Mark D; Le Galloudec, Nathalie	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1159323	Bio-inspired MOF-based Catalysts for Lignin Valorization.	Allendorf, Mark D.; Stavila, Vitalie; Ramakrishnan, Parthasarathi; Davis, Ryan	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1159446	A Nonlocal Peridynamic Plasticity Model for the Dynamic Flow and Fracture of Concrete.	Vogler, Tracy; Lammi, Christopher James	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2014
1159455	Verification and Validation of Carbon-Fiber Laminate Low Velocity Impact Simulations.	English, Shawn Allen; Nelson, Stacy Michelle; Briggs, Timothy; Brown, Arthur A.	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2014
1164249	Time-Encoded Imagers.	Marleau, Peter; Brubaker, Erik	TR	SNL	Sandia National Laboratories (SNL-CA)	11/1/2014
1165230	Development and Testing of an Integrated Sandia Cooler Thermoelectric Device (SCTD).	Johnson, Terry A.; Staats, Wayne Lawrence.; Leick, Michael Thomas; Zimmerman, Mark D.;	TR	SNL	Sandia National Laboratories (SNL-CA)	12/1/2014

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1166644	Survey of Existing Tools for Formal Verification.	Punnoose, Ratish J.; Armstrong, Robert C.; Wong, Matthew H.; Jackson, Mayo	TR	SNL	Sandia National Laboratories (SNL-CA)	12/1/2014
1154713	Enhanced vector borne disease surveillance of California Culex mosquito populations reveals spatial and species-	VanderNoot, Victoria A.; Curtis, Deanna Joy; Koh, Chung-Yan; Brodsky, Benjamin H; Lane,	TR	SNL	Sandia National Laboratories (SNL-CA)	8/1/2014
1158537	Using architecture information and real-time resource state to reduce power consumption and communication costs in	Brandt, James M.; Devine, Karen Dragon; Gentile, Ann C.; Leung, Vitus Joseph; Olivier,	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1158664	Validation of Heat Transfer Thermal Decomposition and Container Pressurization of Polyurethane Foam.	Scott, Sarah Nicole; Dodd, Amanda B.; Larsen, Marvin E.; Suo-Anttila, Jill M.; Erickson, Kenneth	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1159322	Crystalline Nanoporous Frameworks: a Nanolaboratory for Probing Excitonic Device Concepts.	Allendorf, Mark D.; Azoulay, Jason; Ford, Alexandra Caroline; Foster, Michael E.; El	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2014
1160297	Liquid Hydrogen Release Risk and Behavior Modeling: State-of-the-Art Knowledge Gaps and Research Needs for	Ekoto, Isaac W.; Hecht, Ethan; San Marchi, Christopher W.; Groth, Katrina M.; LaFleur,	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2014
1160320	MueLu User's Guid for Trilinos Version 11.12.	Hu, Jonathan Joseph; Prokopenko, Andrey; Wiesner, Tobias A.; Siefert, Christopher;	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2014
1154957	The perfect heist :	Lafleur, Jarret Marshall; Purvis, Liston Keith; Roesler, Alexander William; Westland, Paul	TR	SNL	Sandia National Laboratories (SNL-CA)	4/1/2014
1121918	A pervasive parallel framework for visualization : final report for FWP 10-014707.	Moreland, Kenneth D.	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
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1131496	RADTRAN 6 technical manual.	Weiner, Ruth F.; Neuhauser, Karen Sieglinde; Heames, Terence John; O'Donnell, Brandon M.;	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147200	Validating agent based models through virtual worlds.	Lakkaraju, Kiran; Whetzel, Jonathan H.; Lee, Jina; Bier, Asmeret Brooke; Cardona-Rivera,	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147206	A cognitive and economic decision theory for examining cyber defense strategies.	Bier, Asmeret Brooke	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147358	Origin and effect of nonlocality in a layered composite.	Silling, Stewart Andrew	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147365	Development of a system model for advanced small modular reactors.	Lewis, Tom Goslee.; Holschuh, Thomas Vernon,	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147442	Theoretical foundation for measuring the groundwater age distribution.	Gardner, William Payton; Arnold, Bill Walter	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147479	Integrated network design and scheduling problems :	Nurre, Sarah G.; Carlson, Jeffrey J.	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147517	SAR image effects on coherence and coherence estimation.	Bickel, Douglas Lloyd	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147518	Micro-scale heat-exchangers for Joule-Thomson cooling.	Gross, Andrew John	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147601	Investigation of ALEGRA shock hydrocode algorithms using an exact free surface jet flow solution.	Hanks, Bradley Wright.; Robinson, Allen C	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147604	Superconductive silicon nanowires using gallium beam lithography.	Henry, Michael David; Jarecki, Robert Leo,	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147641	Hybrid methods for cybersecurity analysis :	Davis, Warren Leon.; Dunlavy, Daniel M.	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147669	Multilevel summation methods for efficient evaluation of long-range pairwise interactions in atomistic and coarse-	Bond, Stephen D.	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147681	Numerical modeling of an all vanadium redox flow battery.	Clausen, Jonathan R.; Brunini, Victor E.; Moffat, Harry K.; Martinez, Mario J.	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
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1148928	A non-linear elastic constitutive framework for replicating plastic deformation in solids.	Roberts, Scott Alan; Schunk, Peter Randall	TR	SNL	Sandia National Laboratories (SNL-NN)	2/1/2014
1155019	Dakota uncertainty quantification methods applied to the NEK-5000 SAHEX model.	Weirs, V. Gregory	TR	SNL	Sandia National Laboratories (SNL-NN)	3/1/2014
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1149306	Offshore Wind Guidance Document: Oceanography and Sediment Stability (Version 1) Development of a	Roberts, Jesse D.; Jason Magalen; Craig Jones	TR	SNL	Sandia National Laboratories (SNL-NN)	6/1/2014
1148576	Technique for the estimation of surface temperatures from embedded temperature sensing for rapid, high energy	Watkins, Tyson R.; Schunk, Peter Randall; Roberts, Scott Alan	TR	SNL	Sandia National Laboratories (SNL-NN)	7/1/2014
1155023	CH3I Loading and Sintering Effects on AgI-MOR GCM Durability.	Nenoff, Tina Maria; Mowry, Curtis D.; Brady, Patrick Vane.	TR	SNL	Sandia National Laboratories (SNL-NN)	7/1/2014

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1150024	Material Analysis for a Fire Assessment.	Brown, Alexander; Nemer, Martin B.	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150206	EMPHASIS(TM)/Nevada UTDEM User Guide Version 2.1.1.	Turner, C. David; Pasik, Michael F.; Pointon, Timothy D.; Pointon, Timothy D.; Cartwright, Keith	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150207	EMPHASIS(TM)/Nevada Unstructured FEM Implementation Version 2.1.1.	Turner, C. David; Pointon, Timothy D.; Cartwright, Keith	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
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1150233	A Comparison of Platform Options for Deep-water Floating Offshore Vertical Axis Wind Turbines: An Initial Study.	Bull, Diana L; Fowler, Matthew; Goupee, Andrew	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150235	Investigation of Wave Energy Converter Effects on Wave Fields: A Modeling Sensitivity Study in Monterey Bay CA.	Roberts, Jesse D.; Grace Chang; Jason Magalen; Craig Jones	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150236	Trusting National Security Systems: Issues for National Security Leadership.	Ackermann, Mark R.	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150848	SANSMIC Validation.	Weber, Paula D.; Rudeen, David Keith; Lord, David L.	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150849	Water Security Toolkit User Manual Version 1.2.	Klise, Katherine A.; Sirola, John Daniel; Hart, David; Hart, William Eugene; Phillips, Cynthia	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1150853	Short-Duration Simulations from Measurements.	Mitchell, Dean J.; Enghausser, Michael	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1151809	High Performance Computing - Power Application Programming Interface Specification.	Laros, James H.; Kelly, Suzanne M.; Pedretti, Kevin; Grant, Ryan; Olivier, Stephen Lecler;	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1151881	Five-Year ALARA Review of Dosimetry Results 1 January 2009 through 31 December 2013.	Paulus, Luke R	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1154677	Radiation Testing of a Low Voltage Silicone Nuclear Power Plant Cable.	Bernstein, Robert	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1154712	Structural Health Monitoring for Impact Damage in Composite Structures.	Roach, Dennis P.; Raymond Bond (Purdue); Doug Adams (Purdue)	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1155020	International Collaborations on Fluid Flows in Fractured Crystalline Rocks: FY14 Progress Report.	Wang, Yifeng	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1155022	Determine Mechanism of CH3I Capture in AgZ.	Nenoff, Tina Maria; Rodriguez, Mark A.; Soelberg, N.; Chapman, Karena	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
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1156597	Phase 1 Development Report for the SESSA Toolkit.	Knowlton, Robert G.; Melton, Brad J; Anderson, Robert J.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1156598	Embedded Fiber Optic Sensors for Measuring Transient Detonation/Shock Behavior;Time-of-Arrival Detection and	Chavez, Marcus Alexander; Willis, Michael David; Covert, Timothy Todd	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
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1156602	Investigation of Wave Energy Converter Effects on Near-shore Wave Fields: Model Generation Validation and	Roberts, Jesse D.; Chang, Grace; Jones, Craig	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1156603	Wave Energy Converter (WEC) Array Effects on Wave Current and Sediment Circulation: Monterey Bay CA.	Roberts, Jesse D.; Jones, Craig; Magalen, Jason	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1156933	In-Situ Silver Acetylide Silver Nitrate Explosive Deposition Measurements Using X-Ray Fluorescence.	Covert, Timothy Todd	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
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1157524	Characterization of Tri-lab Tantalum Plate.	Buchheit, Thomas E.; Cerreta, Ellen K.; Deibler, Lisa Anne; Chen, Shu-Rong; Michael, Joseph R.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1157595	Modified Inverse First Order Reliability Method (I-FORM) for Predicting Extreme Sea States.	Eckert-Gallup, Aubrey Celia; Sallaberry, Cedric Jean-Marie; Dallman, Ann Renee; Neary, Robert	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1158570	Radiation Testing of a Low Voltage Silicone Nuclear Power Plant Cable.	White II, Gregory Von; Schroeder, John Lee.; Sawyer, Patricia Sue.; Wichhart, Derek; Mata, Carlos	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1158665	Summary Report of Cable Aging and Performance Data for Fiscal Year 2014.	Celina, Mathias Christopher; Celina, Mathias Christopher; Redline, Erica Marie; Redline, Erica	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014

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1158668	Automated Algorithms for Quantum-Level Accuracy in Atomistic Simulations: LDRD Final Report.	Thompson, Aidan Patrick; Schultz, Peter Andrew; Crozier, Paul; Moore, Stan Gerald;	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1158669	Implementation and Evaluation of the Virtual Fields Method: Determining Constitutive Model Parameters From	Kramer, Charlotte Lorraine Bolyard; Scherzinger, William M.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159040	Seismic Attenuation Inversion with t* Using tstarTomog.	Preston, Leiph	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159115	Xyce Parallel Electronic Simulator Users Guide Version 6.2.	Keiter, Eric R.; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Sholander, Peter E.;	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159116	The SNL100-03 Blade: Design Studies with Flatback Airfoils for the Sandia 100-meter Blade.	Griffith, Daniel; Richards, Phillip William	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159117	Operators Manual and Technical Reference for the Z-Beamlet Phase Modulation Failsafe System: Version 1.	Armstrong, Darrell J.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
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1159119	Deformation Behavior of Sub-micron and Micron Sized Alumina Particles in Compression.	Sarobol, Pylin; Chandross, Michael E.; Carroll, Jay; Mook, William; Boyce, Brad; Kotula, Paul	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159161	A New Maximum-Likelihood Change Estimator for Two-Pass SAR Coherent Change Detection.	Wahl, Daniel E.; Yocky, David A.; Jakowatz, Charles V,	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1160341	Used Fuel Disposal in Crystalline Rocks: Status and FY14 Progress.	Wang, Yifeng	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1162192	The feasibility of mobile computing for on-site inspection.	Horak, Karl Emanuel; DeLand, Sharon Marie; Blair, Dianna Sue	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1163121	Insights on Conducting Consent-Based Siting of Radioactive Waste Management Facilities: Evidence from a Nationwide	Hank C. Jenkins-Smith; Kuhika Gupta; Carol L. Silva; Kerry G. Herron; Joseph T. Ripberger;	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1163122	Summary Results for Brine Migration Modeling Performed by LANL LBNL and SNL for the UFD Program.	Kuhlman, Kristopher L	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1164537	Technical Feasibility of Measuring Low-Stress Low Strain-Rate Deformation Relevant to a Salt Repository.	Hardin, Ernest; Kuhlman, Kristopher L; Hansen, Francis D.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1159444	Bistatic SAR: Proof of Concept.	Yocky, David A.; Doren, Neall E.; Bacon, Terry A.; Wahl, Daniel E.; Eichel, Paul H.; Jakowatz,	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1159445	Reference Model 6 (RM6): Oscillating Wave Energy Converter.	Bull, Diana L; Smith, Chris; Jenne, Dale Scott; Jacob, Paul; Copping, Andrea; Willits, Steve;	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1159447	Bistatic SAR: Imagery & Image Products.	Yocky, David A.; Wahl, Daniel E.; Jakowatz, Charles V,	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1159448	Robust Design of Reliability Test Plans Using Degradation Measures.	Lane, Jonathan Wesley; Lane, Jonathan Wesley; Crowder, Stephen V.; Crowder, Stephen V.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1159449	Bistatic SAR: Signal Processing and Image Formation.	Wahl, Daniel E.; Yocky, David A.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1159665	In-situ Study of Dynamic Phenomena at Metal Nanosolder Interfaces Using Aberration Corrected Scanning	Lu, Ping	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160288	The ultimate downscaling limit of FETs.	Mamaluy, Denis; Gao, Xujiao; Tierney, Brian David	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160289	Peridynamic model for fatigue cracking.	Silling, Stewart Andrew; Abe Askari (Boeing)	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160290	Characterization of U.S. Wave Energy Converter (WEC) Test Sites: A Catalogue of Met-Ocean Data.	Dallman, Ann Renee; Neary, Vincent Sinclair	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160291	Flow Battery System Design for Manufacturability.	Montoya, Tracy Louise; Meacham, Paul Gregory; Perry, David; Broyles, Robin S.; Hickey,	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160292	Training Adaptive Decision-Making.	Abbott, Robert G.; Forsythe, James C.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160293	CaveMan Enterprise version 1.0 Software Validation and Verification.	Hart, David	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160294	The Nitrogen-Nitride Anode.	Delnick, Frank M.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160295	Membrane Separator for Redox Flow Batteries that Utilize Anion Radical Mediators.	Delnick, Frank M.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160296	Investigation of Spatial Variation of Sea States Offshore of Humboldt Bay CA Using a Hindcast Model.	Dallman, Ann Renee; Neary, Vincent Sinclair	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160298	Effects of Transcranial Direct Current Stimulation (tDCS) on Human Memory.	Matzen, Laura E.; Trumbo, Michael Christopher Stefan	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160301	Sensitivity Analysis of the Gap Heat Transfer Model in BISON.	Swiler, Laura Painton; Schmidt, Rodney C.; Williamson, Richard (INL); Perez, Danielle (INL)	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014

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1160302	A Thermo-Optic Propagation Modeling Capability.	Schrader, Karl; Akau, Ron	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1160340	Materials for Consideration in Standardized Canister Design Activities.	Bryan, Charles R.; Ilgen, Anastasia Gennadyevna; Enos, David George; Teich-McGoldrick, Stephanie; Hardin, Ernest	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162054	Project Plan: Deep Borehole Field Test Rev. 0.	Freeze, Geoffrey A.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162055	DPC materials and corrosion environments.	Ilgen, Anastasia Gennadyevna; Bryan, Charles R.; Teich-McGoldrick, Stephanie; Hardin, Ernest	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162056	Experimental plan for DPC/overpack performance in a repository.	Ilgen, Anastasia Gennadyevna; Enos, David George; Bryan, Charles R.; Rechar, Robert P.;	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162234	Three-Dimensional Electromagnetic High Frequency Axisymmetric Cavity Scars.	Warne, Larry Kevin; Jorgenson, Roy Eberhardt	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162235	Statistics of particle time-temperature histories.	Hewson, John C.; Lignell, David O.; Sun, Guangyuan	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162373	Using High Performance Computing to Examine the Processes of Neurogenesis Underlying Pattern Separation and Consolidation of Enriched Information.	Aimone, James Bradley; Bernard, Michael Lewis; Vineyard, Craig Michael; Verzi, Stephen	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1162374	Shock compression experiments on Lithium Deuteride single crystals.	Knudson, Marcus D.; Desjarlais, Michael Paul; Lemke, Raymond W.	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163088	IFT&E Industry Report Wind Turbine-Radar Interference Test Summary.	Karlson, Benjamin; LeBlanc, Bruce Philip; Minster, David G; Estill, Milford; Miller, Bryan	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163092	Variable horizon in a peridynamic medium.	Silling, Stewart Andrew; Littlewood, David John; Seleson, Pablo	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163120	TSL-CALVIN Software Verification and Validation.	Kalinina, Elena Arkadiyevna	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163123	Documentation of Hybrid Hydride Model for Incorporation into Moose-Bison and Validation Strategy.	Weck, Philippe F; Tikare, Veena; Schultz, Peter Andrew; Clark, B (SNL); Mitchell, J (SNL);	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163494	Spherical expansion of a dense plasma: test of ambipolar field model in Aleph.	Hughes, Thomas Patrick; Musson, Lawrence	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163495	Infrasound Generation from the HH Seismic Hammer.	Jones, Kyle Richard	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163498	Infectious Disease Detection and Control in the Developing World.	Salerno, Reynolds Mathewson; Kessler, William	TR	SNL	Sandia National Laboratories (SNL-NN)	10/1/2014
1163837	GADRAS Detector Response Function.	Mitchell, Dean J.; Harding, Lee; Thoreson, Gregory G; Horne, Steven M.	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1163879	Active Control of Nitride Plasmonic Dispersion in the Far Infrared.	Shaner, Eric A.; Dyer, Gregory Conrad; Seng, William Francis; Bethke, Donald Thomas; Grine, Albert	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1163880	Ultrafast Laser Diagnostics for Energetic-Material Ignition Mechanisms: Tools for Physics-Based Model Development.	Kearney, Sean Patrick; Jilek, Brook Anton; Kohl, Ian Thomas; Farrow, Darcie; Urayama, Junji	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164250	Low-Cost Spectral Sensor Development Description.	Armijo, Kenneth Miguel; Yellowhair, Julius	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164251	Estimating the Economic Impacts of Terrorist Events at Individual Chemical Facilities: Initial Results.	Pepple, Mark; Ehlen, Mark Andrew	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164589	Boltzmann-Electron Model in Aleph.	Hughes, Thomas Patrick; Hooper, Russell	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164594	Injection of a Phase Modulated Source into the Z-Beamlet Laser for Increased Energy Extraction.	Rambo, Patrick K.; Armstrong, Darrell J.; Schwarz, Jens; Smith, Ian C; Shores, Jonathon;	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164595	Materials Chemistry and Performance of Silicone-Based Replicating Compounds.	Brumbach, Michael T.; Mirabal, Alex James; Kalan, Michael; Trujillo, Ana B; Hale, Kevin	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164980	Pantex Falling Man - Independent Review Panel Report.	Brannon, Nathan Gregory; L. Bertolini, N. Brannon, J. Olsen, B. Price, M. Steinzig, R.	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164981	A New Perspective for the Calibration of Computational Predictor Models.	Crespo, Luis Guillermo	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164982	Electromagnetic Reciprocity.	Aldridge, David F.	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1164983	IDC Reengineering Phase 2 & 3 Rough Order of Magnitude (ROM) Cost Estimate Summary (Leveraged NDC Case).	Harris, James M.; Prescott, Ryan; Dawson, Jericah M.; Huelskamp, Robert M.	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1165050	MB3a Infrasound Sensor Evaluation.	Merchant, Bion J.; McDowell, Kyle D.	TR	SNL	Sandia National Laboratories (SNL-NN)	11/1/2014
1165229	Grid Integrated Distributed PV (GridPV) Version 2.	Reno, Matthew J.; Coogan, Kyle	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166645	Normal Conditions of Transport Truck Test of a Surrogate Fuel Assembly.	McConnell, Paul E.; Wauneka, Robert; Saltzstein, Sylvia J.; Sorenson, Ken B.	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166646	HyRAM Testing Script.	Parkins, Owen	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014

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1166647	IDC Integrated Master Plan.	Clifford, David J.; Harris, James M.	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166689	Generalized Information Architecture for Managing Requirements in IBM's Rational DOORS(r) Application.	Aragon, Kathryn M.; Eaton, Shelley M.; McCornack, Marjorie Turner; Shannon, Sharon	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166691	Empirically Derived Strength of Residential Roof Structures for Solar Installations.	Dwyer, Stephen F.; Sanchez, Alfred; Campos, Ivan A.; Gerstle, Walter H.	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166692	Structural Code Considerations for Solar Rooftop Installations.	Dwyer, Stephen F.; Dwyer, Brian P.; Sanchez, Alfred	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166693	IDC Use Case Model Survey Version 1.0.	Carr, Dorthe B.; Harris, James M.	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166695	GADRAS-DRF 18.5 User's Manual.	Horne, Steven M.; Thoreson, Gregory G; Theisen, Lisa A.; Mitchell, Dean J.; Harding, Lee;	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166697	IDC System Specification Document.	Clifford, David J.	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1166698	HyRAM Testing Strategy and Quality Design Elements.	Reynolds, John Thomas	TR	SNL	Sandia National Laboratories (SNL-NN)	12/1/2014
1147554	Xyce parallel electronic simulator users' guide, Version 6.0.1.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Thornquist, Heidi K.;	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147632	Xyce parallel electronic simulator release notes.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Sholander, Peter E.;	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1147677	Xyce parallel electronic simulator reference guide, Version 6.0.1.	Keiter, Eric R; Mei, Ting; Russo, Thomas V.; Schiek, Richard Louis; Thornquist, Heidi K.;	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1157535	Performance Assessment Modeling and Sensitivity Analyses of Generic Disposal System Concepts.	Sevougian, S. David; Freeze, Geoffrey A.; Gardner, William Payton; Hammond, Glenn	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1163139	Progress in siting nuclear waste facilities.	Price, Laura L.; Rechar, Robert P.	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1149352	Report for the ASC CSSE L2 Milestone (4873) - Demonstration of Local Failure Local Recovery Resilient	Heroux, Michael Allen; Teranishi, Keita	TR	SNL	Sandia National Laboratories (SNL-NN)	6/1/2014
1149682	Nearest Neighbor Averaging and its Effect on the Critical Level and Minimum Detectable Concentration for Scanning	Fournier, Sean Donovan; Beall, Patrick S; Miller, Mark L	TR	SNL	Sandia National Laboratories (SNL-NN)	8/1/2014
1158667	Proposed Testing to Assess the Accuracy of Glass-To-Metal Seal Stress Analyses.	Chambers, Robert S.; Emery, John M; Tandon, Rajan; Antoun, Bonnie R.; Stavig, Mark E.;	TR	SNL	Sandia National Laboratories (SNL-NN)	9/1/2014
1147656	Final LDRD report :	Ambrosini, Andrea; Miller, James Edward; Allendorf, Mark D.; Coker, Eric Nicholas;	TR	SNL	Sandia National Laboratories (SNL-NN)	1/1/2014
1155017	Identified corrosion and erosion mechanisms in SCO2 Brayton Cycles.	Fleming, Darryn D.; Kruizenga, Alan Michael	TR	SNL	Sandia National Laboratories (SNL-NN)	6/1/2014
1124619	Plastic cap evolution law derived from induced transverse isotropy in dilatational triaxial compression.	Macon, David James; Brannon, Rebecca Moss; Strack, Otto Eric	TR	SNL	Sandia National Laboratories (SNL-NN)	2/1/2014
1164616	Granular Salt Summary: Reconsolidation Principles and Applications	Hansen, Frank; Popp, Till; Wieczorek, Klaus; Stuehrenberg, Dieter	TR	SNL-A	Sandia National Laboratories, Albuqu	7/1/2014
1163124	Ion Selective Ceramics for Waste Separations: Performance and Design of Ion Selective Ceramic Membrane for Molten	Spoerke, Erik; Wheeler, Jill; Ihlefeld, Jonathon; Blea, Mia; Brown-Shaklee, Harlan; Rodriguez,	TR	SNL-A	Sandia National Laboratories, Albuqu	9/1/2014
1164613	Full-Scale Accident Testing in Support of Used Nuclear Fuel Transportation.	Durbin, Samuel G.; Lindgren, Eric R.; Rechar, Rob P.; Sorenson, Ken B.	TR	SNL-A	Sandia National Laboratories, Albuqu	9/1/2014
1164614	Summary of initial test results for Transport Properties of Run-of-Mine Salt Backfill.	Schuhen, Michael D; Kuhlman, Kristopher L	TR	SNL-A	Sandia National Laboratories, Albuqu	9/1/2014
1165576	Deep Borehole Disposal Research: Geological Data Evaluation Alternative Waste Forms and Borehole Seals	Arnold, Bill W.; Brady, Patrick; Sutton, Mark; Travis, Karl; MacKinnon, Robert; Gibb, Fergus;	TR	SNL-A	Sandia National Laboratories, Albuqu	9/1/2014
1163298	Uncertainty quantification methodologies development for storage and trans- portation of used nuclear fuel: Pilot	Dingreville, Remi Philippe Michel	TR	SNL-A	Sandia National Laboratories, Albuqu	10/1/2014
1164620	Framework for Underground Research for Generic Repository Investigations in Salt	Sassani, David C; Kuhlman, Kristopher L; Robinson, Bruce A; Weaver, Douglas J;	TR	SNL-A	Sandia National Laboratories, Albuqu	9/18/2014
1120134	Measurements of Ionizing Radiation Doses Induced by High Irradiance Laser on Targets in LCLS MEC Instrument	Bauer, J.; Liu, J.C.; Prinz, A.A.; Rokni, S.; Tran, H.; Woods, M.; Xia, Z.; Galter, e.; Lee, H.-J.;	TR	SLAC	SLAC National Accelerator Laboratory	1/21/2014
1120127	A Multi-TeV Linear Collider Based on CLIC Technology : CLIC Conceptual Design Report	Aicheler, M; Burrows, P.; Draper, M.; Garvey, T.; Lebrun, P.; Peach, K.; Phinney, N.;	TR	SLAC	SLAC National Accelerator Laboratory	2/13/2014
1122487	Parasitic Mode Losses in the Damping Ring	Wilson, Perry B.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/4/2014
1122488	Beam-dump Kicker Magnets	Bulos, F.; Odian, A.; Tomlin, Bill T.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/4/2014
1122489	Damping Ring Kickers	Bulos, F.; Tomlin, Bill T.; Weaver, J.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/4/2014
1122490	Kicker Magnet and Pulser	Bulos, Fatin; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/4/2014

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1126462	Science Driven Instrumentation for LCLS-II	Arthur, John; Bergmann, Uwe; Brunger, Axel; Bostedt, Christoph; Boutet, Sebastien; Bozek, Adam; ...	TR	SLAC	SLAC National Accelerator Laboratory	3/24/2014
1128897	LDRD FY2013 Annual Report	Montanez, Cathie	TR	SLAC	SLAC National Accelerator Laboratory	4/7/2014
1128899	Some wakefield effects in the superconducting RF cavities of LCLS-II	Bane, K.; /SLAC; Romanenko, A.; Yakovlev, V.; /Fermilab;	TR	SLAC	SLAC National Accelerator Laboratory	4/7/2014
1131463	Roughness Tolerance Studies for the Undulator Beam Pipe Chamber of LCLS-II	Bane, K.; Stupakov, G.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/8/2014
1131452	SPS High Bandwidth Transverse Feedback System MD, Feb 3, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131453	SPS High Bandwidth Transverse Feedback System MD, Feb 2, 2013	Cesaratto, John	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131454	SPS High Bandwidth Transverse Feedback System MD, Jan 30 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131455	SPS High Bandwidth Transverse Feedback System MD, Jan 29, 2013	Cesaratto, John;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131456	SPS High Bandwidth Transverse Feedback System MD, Jan 23, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131457	SPS High Bandwidth Transverse Feedback System MD, Jan 22, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131458	Power Amplifier Test, Jan. 17th 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131459	SPS High Bandwidth Transverse Feedback System - MD, Nov. 2012	Cesaratto, J.M.; Rivetta, C.H.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131460	SPS High Bandwidth Transverse Feedback System - Testing and Setup, Nov. 2012	Cesaratto, J.M.; Rivetta, C.H.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/13/2014
1131432	SPS High Bandwidth Transverse Feedback System MD - Intermodulation and Nonlinearity Measurements of ADC	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/15/2014
1131433	SPS High Bandwidth Transverse Feedback System MD - Dynamic Range Measurements of ADC, Mar 23, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/15/2014
1131434	SPS High Bandwidth Transverse Feedback System MD - Troubleshooting aliased lines seen in the ADC	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/15/2014
1131435	SPS High Bandwidth Transverse Feedback System MD, Feb 6, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/15/2014
1131436	SPS High Bandwidth Transverse Feedback System MD, Feb 5, 2013	Cesaratto, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	5/15/2014
1132851	Specifications of the octupole magnets required for the ATF2 ultra-low $\beta^*$ lattice	Marin, E.; /SLAC; Modena, M.; /CERN; Tauchi, T.; Terunuma, N.; /KEK, Tsukuba; Tomas, R.; ...	TR	SLAC	SLAC National Accelerator Laboratory	5/28/2014
1136245	Membrane Fluctuations Destabilize Clathrin Protein Lattice Order	Cordella, Nicholas; Lampo, Thomas J.; Mehraeen, Shafiq; Spakowitz, Andrew J.	TR	SLAC	SLAC National Accelerator Laboratory	7/1/2014
1136696	Below Gap Optical Absorption in GaAs Driven by Intense, Single-Cycle Coherent Transition Radiation	Goodfellow, J.; Fuchs, M.; Daranciang, D.; Ghimire, S.; Chen, F.; Loos, H.; Reis, D.A.; Fisher, Alan; ...	TR	SLAC	SLAC National Accelerator Laboratory	7/8/2014
1146413	Requirements for Resistive Coating on Ceramic Tubes in Kicker Magnets	Peterson, J.M.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	7/25/2014
1146414	Synchrotron Radiation in the Collider ARCS	Jenkins, Theodore M.; Nelson, W. Ralph	TR	SLAC	SLAC National Accelerator Laboratory	7/25/2014
1146415	Beam Position Detection Along the Collider Arms	Pellegrin, J.-L.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	7/25/2014
1150237	High Energy Colliding Beams What Is Their Future?	Richter, Burton; /Stanford U. /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	9/2/2014
1154691	Engineering Specifications Document for SXRSS Beam Overlap Diagnostics	Morton, Daniel; Loos, Henrik; Montanez, Paul; Ratner, Daniel; Hastings, Jerome	TR	SLAC	SLAC National Accelerator Laboratory	9/4/2014
1154692	LCLS Physics Specifications for the SXRSS Beam Overlap Diagnostics	Loos, Henrik; Montanez, Paul; Ratner, Daniel; Hastings, Jerome; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	9/4/2014
1156650	Initial Estimates of Dynamic Aperture and Field Quality Specifications	Nosochkov, Y.; Cai, Y.; Wang, M.-H.; /SLAC; Fartoukh, S.; Giovannozzi, Massimo; ...	TR	SLAC	SLAC National Accelerator Laboratory	9/13/2014
1158659	Comparison of Kicker-Magnet Circuits	Fisher, Alan; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	9/22/2014
1156661	Annual Site Environmental Report: 2013 (ASER)	Sabba, D	TR	SLAC	SLAC National Accelerator Laboratory	9/24/2014
1163883	Neutron Beam Line at SLAC	Va'vra, J.; Ratcliff, B.	TR	SLAC	SLAC National Accelerator Laboratory	11/11/2014
1165896	SLAC Disk Loaded Waveguide (DLWG) Accelerator Structure	Tremaine, Aaron;	TR	SLAC	SLAC National Accelerator Laboratory	12/2/2014



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1165897	XL Magnet (Top level drawing SA-700-897-10)	Tremaine, Aaron	TR	SLAC	SLAC National Accelerator Laboratory	12/2/2014
1165898	XL5 Klystron	Tremaine, Aaron	TR	SLAC	SLAC National Accelerator Laboratory	12/2/2014
1165899	XL4 Klystron (Top level drawing AD-700-924-00)	Tremaine, Aaron	TR	SLAC	SLAC National Accelerator Laboratory	12/2/2014
1165900	5045 Klystron (Top level drawing AD-700-870-00)	Tremaine, Aaron;	TR	SLAC	SLAC National Accelerator Laboratory	12/2/2014

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1193618	Multi-scale Atmospheric Modeling of Green House Gas Dispersion in Complex Terrain. Atmospheric Methane at Four Corners	Costigan, Keeley Rochelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dubey, Manvendra Krishna [Los Alamos National Lab.	TR	LANL	Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/10/2015
1168941	Thermal Properties for the Thermal-Hydraulics Analyses of the BR2 Maximum Nominal Heat Flux	Dionne, B. [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Bergeron, A. [Argonne National Lab. (ANL),	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/1/2015
1224956	Numerical Modeling of the Lake Mary Road Bridge for Foundation Reuse Assessment	Sitek, M. A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bojanowski, C. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	4/1/2015
1224955	Verification and Validation of the PLTEMP/ANL Code for Thermal-Hydraulic Analysis of Experimental and Test Reactors	Kalimullah, M. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Olson, Arne P. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	4/7/2015
1184667	A New Possibility for Production of Sub-picosecond X-ray Pulses using a Time Dependent Radio Frequency Orbit Deflection	Zholents, A. A. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	5/1/2015
1212730	The GREET Model Expansion for Well-to-Wheels Analysis of Heavy-Duty Vehicles	Cai, Hao [Argonne National Lab. (ANL), Argonne, IL (United States)]; Burnham, Andrew [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	5/1/2015
1224995	APS Science 2014	Fenner, Richard B. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	5/1/2015
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1210189	Tracking studies in eRHIC energy-recovery recirculator	Meot, F. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Brooks, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	7/13/2015
1210188	Target and orbit feedback simulations of a muSR beam line at BNL	MacKay, W. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Blaskiewicz, M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	7/28/2015
1214539	RHIC operation with asymmetric collisions in 2015	Liu, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Aschenauer, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	8/7/2015
1232685	Ultra Low Sulfur Home Heating Oil Demonstration Project	Batey, John E. [Energy Research Center, Inc., Easton, CT (United States)]; McDonald, Roger [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/30/2015
1232686	Low Cost Polymer heat Exchangers for Condensing Boilers	Butcher, Thomas [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Trojanowski, Rebecca [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/30/2015
1228852	Safeguards Workforce Repatriation, Retention and Utilization	Gallucci, Nicholas [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Poe, Sarah [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2015
1232688	2014 Site Environmental Report	Paquette, Douglas [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Remien, Jason [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2015
1224786	Report of the eRHIC Ring-Ring Working Group	Aschenauer, E. C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Berg, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/13/2015
1228844	Pressure distribution along the AGS vacuum chambers with new types of pump out conduits	Nayak, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Mapes, M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/28/2015
1228862	Design of the beryllium window for Brookhaven Linac Isotope Producer	Nayak, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Mapes, M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/1/2015
1169034	Imperfect World of beta beta-decay Nuclear Data Sets	Pritychenko, B. [Brookhaven National Lab. (BNL), Upton, NY (United States). NNDC]	TR	BNL	Brookhaven National Laboratory (BNL)	1/3/2015
1201334	Safe operating conditions for NSLS-II Storage Ring Frontends commissioning	Seletskiy, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Amundsen, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	4/2/2015
1201364	Exploring a possible origin of a 14 deg y-normal spin tilt at RHIC polarimeter	Meot, F. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Huang, H. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	6/15/2015
1224768	Attempt to accelerate asymmetric species with unequal frequencies in RHIC	Liu, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Luo, Y. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Marusic, A. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	7/9/2015
1224788	Gold ion parameters for the 2015 PP-on-Au setup in RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	8/25/2015
1224789	Polarized proton parameters for the 2015 PP-on-Au setup in RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	8/25/2015
1223681	Operation of the 56 MHz superconducting RF cavity in RHIC during run 14	Wu, Q. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Belomestnykh, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/11/2015
1224765	Pin diode calibration - beam overlap monitoring for low energy cooling	Drees, A. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Montag, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/30/2015
1224791	Polarized proton parameters for the 2015 PP-on-Aluminum setup in RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/2/2015
1225438	Aluminum ion parameters for the 2015 PP-on-Al setup in RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/2/2015
1228843	An overview of Booster and AGS polarized proton operation during Run 15	Zeno, K. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/20/2015
1232701	Impedance simulation for LEReC booster cavity transformed from ERL gun cavity	Liu, Chuyu [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/24/2015
1172085	RHIC prefire protection masks	Drees, A.; Biscardi, C.; Curcio, T.; Gassner, D.; DeSanto, L.; Fu, W.; Liaw, C. J.; Montag, C.; Thieberger, P.; Yip, K.	TR	BNL	Brookhaven National Laboratory (BNL)	1/7/2015
1172644	Selling Into the Sun: Price Premium Analysis of a Multi-State Dataset of Solar Homes	Adomatis, Sandra; Jackson, Thomas; Graff-Zivin, Joshua; Thayer, Mark; Klise, Geoffrey; Wisner, Ryan	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/13/2015
1169335	High Performance Computing and Storage Requirements for Nuclear Physics: Target 2017	Gerber, Richard; Wasserman, Harvey	TR	LBNL	Ernest Orlando Lawrence Berkeley National Laboratory	1/20/2015

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1172643	Updated Value of Service Reliability Estimates for Electric Utility Customers in the United States	Sullivan, Michael; Schellenberg, Josh; Blundell, Marshall	TR	LBNL	Ernest Orlando Lawrence Berkeley Na	1/21/2015
1223803	Study of requirements and performances of the electromagnetic calorimeter for the Mu2e experiment at Fermilab	Soleti, S. [Sapienza Univ. of Rome (Italy)]	TR	FNAL	Fermi National Accelerator Laborato	6/15/2015
1209242	Search for Muon Neutrino Disappearance in the Booster Neutrino Beam of Fermilab; Búsqueda de Desaparición de Neutrinos del Muon en el Haz de Neutrinos del Booster de	Mendez Mendez, Diana Patricia [Univ. Nacional Autónoma de Mexico (UNAM), Mexico City (Mexico)]	TR	FNAL	Fermi National Accelerator Lab. (FNA	1/1/2015
1230042	Neutrino Beam Simulations and Data Checks for the NOvA Experiment	Del Tutto, Marco [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Lab. (FNA	1/1/2015
1209240	Muon Emittance Exchange with a Potato Slicer	Summers, D. J. [Univ. of Mississippi, Oxford, MS (United States)]; Hart, T. L. [Univ. of Mississippi, Oxford, MS (United States)]; Acosta, J. G. [Univ. of	TR	FNAL	Fermi National Accelerator Lab. (FNA	4/15/2015
1226343	Accelerator/Experiment Operations - FY 2015	Czarapata, P. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States); et al.]	TR	FNAL	Fermi National Accelerator Lab. (FNA	10/1/2015
1226337	Tests of Scintillator+WLS Strips for Muon System at Future Colliders	Denisov, Dmitri [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Evdokimov, Valery [Inst. for High Energy Physics (IHEP), Protvino	TR	FNAL	Fermi National Accelerator Lab. (FNA	10/11/2015
1230044	Field calculations, single-particle tracking, and beam dynamics with space charge in the electron lens for the Fermilab Integrable Optics Test Accelerator	Noll, Daniel [Goethe Univ., Frankfurt (Germany)]; Stancari, Giulio [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Lab. (FNA	11/17/2015
1221359	Nuclear Effects in Quasi-Elastic and Delta Resonance Production at Low Momentum Transfer	Demgen, John Gibney	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1221366	Dispositivos CCD para la búsqueda directa de materia oscura: el experimento DAMIC	Moreno Granados, Guadalupe	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1209543	Damping Factors for Head-Tail Modes at Strong Space Charge	Burov, Alexey	TR	FNAL	Fermi National Accelerator Laborator	5/28/2015
1223236	Simulation Needs and Priorities of the Fermilab Intensity Frontier	Elvira, V. D. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Genser, K. L. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United	TR	FNAL	Fermi National Accelerator Laborator	6/11/2015
1223256	Measurement of Time Resolution of the Mu2e LYSO Calorimeter Prototype	Atanov, N. [Joint Inst. of Nuclear Research, Dubna (Russia); et al.]	TR	FNAL	Fermi National Accelerator Laborator	9/16/2015
1182553	Fermilab Test Beam Facility Annual Report. FY 2014	Brandt, A. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States). et al.]	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1221325	Study of charged particles interaction processes on Ar in the 0.2 - 2.0 GeV energy range through combined information from ionization free charge and scintillation	Nutini, Irene [Univ. of Florence (Italy)]	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1221326	Design and Analysis of Muon Beam Stop Support Structures	Okafor, Udenna [Northern Illinois Univ., DeKalb, IL (United States)]	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1221331	Muon Energy Reconstruction Through the Multiple Scattering Method in the NOS $\sqrt{n}$ SA Detectors	Psihas Olmedo, Silvia Fernanda [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laborator	1/1/2015
1212168	Modeling Proton- and Light Ion-Induced Reactions at Low Energies in the MARS15 Code	Rakhno, I. L. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Mokhov, N. V. [Fermi National Accelerator Lab. (FNAL), Batavia, IL	TR	FNAL	Fermi National Accelerator Laborator	4/25/2015
1209246	Design of a Marx-Topology Modulator for FNAL Linac	Butler, T. A. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Garcia, F. G. [Fermi National Accelerator Lab. (FNAL), Batavia, IL	TR	FNAL	Fermi National Accelerator Laborator	4/28/2015
1221324	Nuclear Effects in Neutrino Interactions at Low Momentum Transfer	Miltenberger, Ethan Ryan [Univ. of Minnesota, Minneapolis, MN (United States)]	TR	FNAL	Fermi National Accelerator Laborator	5/1/2015
1212177	Model of E-Cloud Instability in the Fermilab Recycler	Balbekov, V. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laborator	6/24/2015
1186753	Electric Vehicle Preparedness: Task 1, Assessment of Fleet Inventory for Marine Corps Base Camp Lejeune	Schey, Stephen [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	1/1/2015
1186747	Seismic Data Gathering and Validation	Coleman, Justin [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2015
1186748	NSR&D Program Fiscal Year (FY) 2015 Call for Proposals Mitigation of Seismic Risk at Nuclear Facilities using Seismic Isolation	Coleman, Justin [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2015
1186752	Electric Vehicle Preparedness: Task 2, Identification of Vehicles for Installation of Data Loggers for Marine Corps Base Camp Lejeune	Schey, Stephen [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2015
1186743	Multi-component testing using HZ-PAN and AgZ-PAN Sorbents for OSPREY Model validation	Garr, Troy G. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Greenhalgh, Mitchell [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2015
1186751	Health and Safety Considerations Associated with Sodium-Cooled Experimental Nuclear Fuel Dismantlement	Carvo, Alan E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2015
1186760	Vehicle Lightweighting: 40% and 45% Weight Savings Analysis: Technical Cost Modeling for Vehicle Lightweighting	Mascarin, Anthony [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Hannibal, Ted [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2015
1186741	Battery Test Manual For 12 Volt Start/Stop Hybrid Electric Vehicles	Belt, Jeffrey R. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2015

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1194018	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for NASA Stennis Space Center	Schey, Stephen [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2015
1194019	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for United States Coast Guard Headquarters	Schey, Stephen [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2015
1194020	AGR-2 Irradiated Test Train Preliminary Inspection and Disassembly First Look	Ploger, Scott [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Demkowicz, Paul [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2015
1194021	Effects of Oxidation on Oxidation-Resistant Graphite	Windes, William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smith, Rebecca [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2015
1186745	Battery Test Manual For Electric Vehicles, Revision 3	Christophersen, Jon P. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	6/1/2015
1186755	Testing Novel CR-39 Detector Deployment System For Identification of Subsurface Fractures, Soda Springs, ID	McLing, Travis [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Carpenter, Michael [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	6/1/2015
1194015	AVTA Federal Fleet PEV Readiness Data Logging and Characterization Study for Department of Health and Human Services â€œ ASPR	Schey, Steve [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	6/1/2015
1194016	2014 Idaho National Laboratory Water Use Report and Comprehensive Well Inventory (Revision 23)	Lewis, Mike [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	6/1/2015
1194017	Data Quality Objectives Supporting the Environmental Direct Radiation Monitoring Program for the INL Site	Lundell, J. F. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Magnuson, S. O. [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	7/1/2015
1173078	RERTR-12 Post-irradiation Examination Summary Report	Rice, Francine; Williams, Walter; Robinson, Adam; Harp, Jason; Meyer, Mitch; Rabin, Barry	TR	INL	Idaho National Laboratory (INL)	2/1/2015
1179098	Safety Design Strategy for the Remote Handled Low-Level Waste Disposal Project	Boyd D. Christensen	TR	INL	Idaho National Laboratory (INL)	3/1/2015
1179101	White Paper Powering Sustainable Low-Carbon Economies: Some Fact and Figures	Gilles J. Youinou	TR	INL	Idaho National Laboratory (INL)	4/1/2015
1194007	Drop Testing Representative Multi-Canister Overpacks	Snow, Spencer D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Morton, Dana K. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL)	6/1/2015
1173079	Results for Phase I of the IAEA Coordinated Research Program on HTGR Uncertainties	Strydom, Gerhard; Bostelmann, Friederike; Yoon, Su Jong	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1173081	AGR-1 Irradiation Test Final As-Run Report, Rev. 3	Collin, Blaise P.	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1173090	Concentration of HLLW from Future SNF Recycling for Efficient Immobilization in a CCIM	Maio, Vince; Rutledge, Roni	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1177241	Steady State Load Characterization Fact Sheet: 2012 Chevy Volt	Don Scofield	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1178066	IEA Bioenergy Task 40 Sustainable International Bioenergy Trade: Securing Supply and Demand Country Report 2014â€œ United States	Hess, J. Richard [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Lamers, Patrick [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1178368	Pilot Scale Advanced Fogging Demonstration	Demmer, Rick L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Fox, Don T. [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1178369	Example Work Domain Analysis for a Reference Sodium Fast Reactor	Hugo, Jacques [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Oxstrand, Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1178371	Off-diagonal Jacobian support for Nodal BCs	Peterson, John W. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Andrs, David [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1183496	Idaho National Laboratory Research & Development Impacts	Stricker, Nicole [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1184083	U.S. Forward Operating Base Applications of Nuclear Power	Griffith, George W. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1196558	Fuel Cycle Technologies 2014 Achievement Report	Hong, Bonnie C. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1202884	Advanced Test Reactor National Scientific User Facility (ATR NSUF) Monthly Report January 2015	Soelberg, Renae [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	1/1/2015
1178363	2014 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Siteâ€™s Materials and Fuels Complex Industrial Waste Ditch and Industrial Waste Pond	Lewis, Mike [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	2/1/2015
1178364	2014 Annual Wastewater Reuse Report for the Idaho National Laboratory Siteâ€™s Central Facilities Area Sewage Treatment Plant	Lewis, Mike [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idah	2/1/2015
1178370	AGR-5/6/7 LEUCO Kernel Fabrication Readiness Review	Marshall, Douglas W. [Idaho National Lab. (INL), Idaho Falls, ID (United States). Fuel Design and Development]; Bailey, Kirk W. [Idaho National Lab.	TR	INL	Idaho National Laboratory (INL), Idah	2/1/2015
1178373	Closed Fuel Cycle Waste Treatment Strategy	Vienna, J. D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Collins, E. D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	INL	Idaho National Laboratory (INL), Idah	2/1/2015

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1178378	FY 2014 LDRD Annual Report Project Summaries	Tomchak, Dena [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1179384	Light Water Reactor Sustainability Accomplishments Report	McCarthy, Kathryn A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1179385	2014 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Advanced Test Reactor Complex Cold Waste Pond	Lewis, Mike [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1182223	DC Fast Charger Usage in the Pacific Northwest	Salisbury, Shawn [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smart, John [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1183494	2014 Radiological Monitoring Results Associated with the Advanced Test Reactor Complex Cold Waste Pond	Lewis, Mike [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1183498	How Do The EV Project Participants Feel about Charging Their EV at Home?	Francfort, James E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1183499	How Do The EV Project Participants Feel About Their EVS?	Francfort, James E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1183500	How Do The EV Project Participants Feel About Charging Their EV Away From Home?	Francfort, James E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1183501	Nuclear Energy Knowledge and Validation Center (NEKVaC) Needs Workshop Summary Report	Gougar, Hans [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2015
1177208	Summary of Calcine Disposal Development Using Hot Isostatic Pressing	Bateman, Ken [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Wahlquist, Dennis [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177220	ATR National Scientific User Facility 2013 Annual Report	Ulrich, Julie A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Robertson, Sarah [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177228	Multi-scale modeling of inter-granular fracture in UO2	Chakraborty, Pritam [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Yongfeng [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177229	Irradiation Programs and Test Plans to Assess High-Fluence Irradiation Assisted Stress Corrosion Cracking Susceptibility.	Teyseyre, Sebastien [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177231	Fiscal Year 2014 Revegetation Assessment	Nordstrom, Jenifer [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177232	Guidance for Developing Principal Design Criteria for Advanced (Non-Light Water) Reactors	Holbrook, Mark [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Kinsey, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177233	INL Seismic Monitoring Annual Report: January 1, 2012 - December 31, 2012	Payne, S. J. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bruhn, D. F. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Hodges, J. M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177234	Improved Geothermometry Through Multivariate Reaction-path Modeling and Evaluation of Geomicrobiological Influences on Geochemical Temperature Indicators: Final Report	Mattson, Earl [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smith, Robert [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Fujita, Kenji [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177235	Expected international demand for woody and herbaceous feedstock	Lamers, Patrick [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Jacobson, Jacob [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177236	Validation Study of Unnotched Charpy and Taylor-Anvil Impact Experiments using Kayenta	Kamojjala, Krishna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Lacy, Jeffrey [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177237	Software infrastructure progress in the RAVEN code	Cogliati, Joshua J. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177238	Magnitude and Variability of Controllable Charge Capacity Provided by Grid Connected Plug-in Electric Vehicles	Scofield, Don R [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smart, John [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177239	Online Monitoring of Concrete Structures in Nuclear Power Plants: Interim Report	Mahadevan, Sankaran [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Cai, Guowei [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177240	Advanced Vehicle Testing Activity Cold Weather On-road Testing of the Chevrolet Volt	Smart, John [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177242	Central Facilities Area Sewage Lagoon Evaluation	Giesbrecht, Alan [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177243	Idaho National Laboratory Quarterly Performance Analysis - 1st Quarter FY2015	Mitchell, Lisbeth A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177625	Orisphere: Physics Measurements For Bare, HEU(93.2)-Metal Sphere	Marshall, Margaret A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bess, John D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1177626	Critical Configuration and Physics Measurements for Beryllium Reflected Assemblies of U(93.15)O <sub>2</sub> , Fuel Rods (1.506-cm Pitch and 7-Tube Clusters)	Marshall, Margaret A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bess, John D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1178060	Fast Neutron Spectrum Potassium Worth for Space Power Reactor Design Validation	Bess, John D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Marshall, Margaret A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1178061	HTR-Proteus Pebble Bed Experimental Program Cores 5,6,7,&8: Columnar Hexagonal Point-on-Point Packing with a 1:2 Moderator-to-Fuel Pebble Ratio	Bess, John D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Sterbentz, James W. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015



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1178070	Light Water Reactor Sustainability Program. Digital Architecture Requirements	Thomas, Kenneth [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Oxstrand, Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1178379	AGR-3/4 Final Data Qualification Report for ATR Cycles 151A through 155B-1	Pham, Binh T. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1184084	Nuclear Energy Infrastructure Database Fitness and Suitability Review	Heidrich, Brenden [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1184085	Uncertainty Quantification of Calculated Temperatures for the U.S. Capsules in the AGR-2 Experiment	Lybeck, Nancy [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Einerson, Jeffrey J. [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1184086	INL Review of Fueling Machine Inspection Tool Development Proposal	Griffith, George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1186749	Scaling Analysis Techniques to Establish Experimental Infrastructure for Component, Subsystem, and Integrated System Testing	Sabharwall, Piyush [Idaho National Laboratory (INL), Idaho Falls, ID (United States)]; O'Brien, James E. [Idaho National Laboratory (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1202885	Nuclear Science User Facilities (NSUF) Monthly Report March 2015	Soelberg, Renae [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2015
1183497	Geochronology and Geomorphology of the Pioneer Archaeological Site (10BT676), Upper Snake River Plain, Idaho	Keene, Joshua L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1184079	Materials and Fuels Complex Hazardous Waste Management Act/Resource Conservation and Recovery Act Storage and Treatment Permit Reapplication.	Holzemer, Michael J. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Hart, Edward [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1184087	Remote-Handled Low-Level Waste Disposal Project Code of Record	Austad, S. L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Guillen, L. E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; McKnight,	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1184088	Idaho National Laboratory Quarterly Performance Analysis for the 2nd Quarter FY 2015	Mitchell, Lisbeth A. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1196556	Assessment of MARMOT. A Mesoscale Fuel Performance Code	Tonks, M. R. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Schwen, D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Y.	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1202887	User Guide for the R5EXEC Coupling Interface in the RELAP5-3D Code	Forsmann, J. Hope [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Weaver, Walter L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1202888	Lighting Studies for Fuelling Machine Deployed Visual Inspection Tool	Stoots, Carl [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Griffith, George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1202890	Thermal Properties Capability Development Workshop Summary to Support the Implementation Plan for PIE Thermal Conductivity Measurements	Braase, Lori [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Papesch, Cynthia [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1213627	Summary of the Advanced Reactor Design Criteria (ARDC) Phase 1 Activities, including the development of the Final Report and the Advanced Reactor Technology Training	Holbrook, Mark R. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1213628	Strategy and gaps for modeling, simulation, and control of hybrid systems	Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Garcia, Humberto E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2015
1179386	Work Domain Analysis Methodology for Development of Operational Concepts for Advanced Reactors	Hugo, Jacques [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1183502	Reuse Permit I-161-02 Quality Assurance Project Plan (QAPP) for Required Environmental and Process Monitoring Idaho National Laboratory Advanced Test	Jackson, Craig D. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1183503	Final Design Report for the RH LLW Disposal Facility (RDF) Project	Austad, S. L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1196552	Creep-Fatigue Behavior of Alloy 617 at 850°C	Carroll, Laura [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1196559	Benefits of Advanced Control Room Technologies: Phase One Upgrades to the HSSL, Research Plan, and Performance Measures	Le Blanc, Katya [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Joe, Jeffrey [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1202889	Results from Operational Testing of the Siemens Smart Grid-Capable Electric Vehicle Supply Equipment	Bennett, Brion [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1202891	Creep-Fatigue Behavior of Alloy 617 at 850 and 950°C, Revision 2	Carroll, L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Carroll, M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	5/1/2015
1194028	Assessment of Fleet Inventory for Naval Air Station Whidbey Island. Task 1	Schey, Stephen [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Francfort, Jim [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2015
1196553	AGR 3/4 Irradiation Test Final As Run Report	Collin, Blaise P. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2015
1202892	Nuclear Energy Innovation Workshops. Executive Summary	Allen, Todd [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Jackson, John [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2015
1213625	Idaho National Laboratory PCB Annual Document Log and Annual Records Report for calendar year 2014	Layton, Deborah L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2015
1213626	Toxic Substances Control Act (TSCA) Polychlorinated Biphenyl (PCB)/Radioactive Waste Annual Inventory for Calendar Year 2014	Layton, Deborah L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2015

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1178065	Electrochemical/Pyrometallurgical Waste Stream Processing and Waste Form Fabrication	Steven Frank; Hwan Seo Park; Yung Zun Cho; William Ebert; Brian Riley	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	7/1/2015
1230074	A Research Roadmap for Computation-Based Human Reliability Analysis	Boring, Ronald [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Mandelli, Diego [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Carmack, Jon [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Braase, Lori [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Papesch, Gus J. [Idaho National Laboratory, Idaho Falls, ID (United States)]; Egger, Ann E. [Idaho National Laboratory, Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	8/1/2015
1230075	Thermal Properties Measurement Report	Carmack, Jon [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Braase, Lori [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Papesch, Gus J. [Idaho National Laboratory, Idaho Falls, ID (United States)]; Egger, Ann E. [Idaho National Laboratory, Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	8/1/2015
1228080	On-Site Inspection Radiosotopic Spectroscopy (Osiris) System Development	Caffrey, Gus J. [Idaho National Laboratory, Idaho Falls, ID (United States)]; Egger, Ann E. [Idaho National Laboratory, Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	9/1/2015
1224095	Nuclear Hybrid Energy Systems - Regional Studies. West Texas and Northeastern Arizona	Garcia, Humberto E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Chen, Jun [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	4/1/2015
1223021	ASCR Cybersecurity for Scientific Computing Integrity	Piesert, Sean	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	2/27/2015
1225362	EOS7CA Version 1.0: TOUGH2 Module for Gas Migration in Shallow Subsurface Porous Media Systems	Oldenburg, Curtis M.	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	3/1/2015
1226461	Design and Development of an Integrated Workstation Automation Hub	Weber, Andrew; Ghatikar, Girish; Sartor, Dale; Lanzisera, Steven	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	3/30/2015
1229861	Powering a Home with Just 25 Watts of Solar PV. Super-Efficient Appliances Can Enable Expanded Off-Grid Energy Service Using Small Solar Power Systems	Phadke, Amol A. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Jacobson, Arne [Schatz Energy Research Center, Arcata, CA (United States)];	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/1/2015
1229562	Investigation of Coupled Processes and Impact of High Temperature Limits in Argillite Rock	Zheng, Liange [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Rutqvist, Jonny [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)];	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	7/1/2015
1229558	International Collaboration Activities in Different Geologic Disposal Environments	Birkhoizer, Jens [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	9/1/2015
1229559	Modeling Coupled THM Processes and Brine Migration in Salt at High Temperatures	Rutqvist, Jonny [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Blanco-Martin, Laura [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)];	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	9/1/2015
1229560	Thermodynamic Studies to Support Extraction of Uranium from Seawater	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	9/1/2015
1229561	Thermodynamic Studies to Support Actinide/Lanthanide Separations	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	9/1/2015
1224940	Limited-memory adaptive snapshot selection for proper orthogonal decomposition	Oxberry, Geoffrey M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kostovavassilevska, Tanva [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/2/2015
1229846	Value of Information Evaluation using Field Data	Trainor-Guitton, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/15/2015
1229850	Three-Dimensional Finite Difference Simulation of Ground Motions from the August 24, 2014 South Napa Earthquake	Rodgers, Arthur J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Univ. of California, Berkeley, CA (United States); Dreger, Robert [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/15/2015
1229856	Long Duration Directional Drives for Star Formation and Photoionization	Kane, J. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Martinez, D. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/18/2015
1229852	Response to FESAC survey, Non-Fusion Connections to Fusion Energy Sciences. Long Duration Directional Drives for Star Formation and Photoionization	Kane, J. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Martinez, D. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/19/2015
1229806	Use of Data Libraries for IAEA Nuclear Security Assessment Methodologies (NUSAM) [section 5.4]	Shull, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lane, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/23/2015
1229826	Annex C. Data Libraries for IAEA Nuclear Security Assessment Methodologies (NUSAM)	Shull, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lane, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/23/2015
1229822	Inline CBET Model Including SRS Backscatter	Bailey, David S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/26/2015
1229817	Final Report on Subcontract B605152. Multigrid Methods for Systems of PDEs	Brannick, James [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Xu, Jinchao [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/7/2015
1229847	GeGI overview for IAEA	Burks, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/13/2015
1229849	322-R2U2 Engineering Assessment - August 2015	Abri, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Griffin, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/13/2015
1229851	Progress Report on FY15 Crystalline Experiments M4FT-15LL0807052	Zavarin, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zhao, P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/13/2015
1229853	Domestic Shipping with Portunus	Sutton, F. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/18/2015
1233302	Chair Report Consultancy Meeting on Nuclear Security Assessment Methodologies (NUSAM) Transport Case Study Working Group	Shull, Doug [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/19/2015
1233304	Production Pathways and Separation Procedures for High-Diagnostic-Value Activation Species, Fission Products, and Actinides Required for Preparation of Realistic Synthetic	Faye, S. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Shaughnessy, D. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/19/2015

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1229845	Advanced Simulation and Computing Fiscal Year 2016 Implementation Plan, Version 0	McCoy, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Archer, B. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/27/2015
1233307	TORUS: Theory of Reactions for Unstable iSotopes.Topical Collaboration for Nuclear Theory Project. Period: June 1, 2010 - May 31, 2015	Arbanas, Goran [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Elster, Charlotte [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/28/2015
1223845	Sensor 17 Thermal Isolation Mounting Structure (TIMS) Design Improvements	Enstrom, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/4/2015
1226968	A Bayesian inversion framework for yield and height-of-burst/depth-of-burial for near-surface explosions	Johannesson, Gardar [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bulaevskaya, Vera [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/7/2015
1226982	Laser Beam Failure Mode Effects and Analysis (FMEA) of the Solid State Heat Capacity Laser (SSHCL)	King, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/7/2015
1223841	Review of Calculations on Point Defect Properties in Delta-Pu	Allen, P. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wolfer, W. G. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/8/2015
1223835	Software Complexity Threatens Performance Portability	Gamblin, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/11/2015
1223840	Neutronics Evaluation of Lithium-Based Ternary Alloys in IFE Blankets	Jolodsky, A. [Univ. of California, Berkeley, CA (United States)]; Fratoni, M. [Univ. of California, Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2015
1223839	Wind Power Curve Modeling Using Statistical Models: An Investigation of Atmospheric Input Variables at a Flat and Complex Terrain Wind Farm	Wharton, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bulaevskaya, V. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/28/2015
1223843	Review of Reactivity Experiments for Lithium Ternary Alloys	Jolodsky, A. [Univ. of California, Berkeley, CA (United States)]; Bolind, A. [Univ. of California, Berkeley, CA (United States)]; Fratoni, M. [Univ. of	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/28/2015
1226932	Anomaly Detection In Additively Manufactured Parts Using Laser Doppler Vibrometry	Hernandez, Carlos A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2015
1226962	LLNL Data Disk Evaluation Report and Information Gathering Document #449.R1.3	BeLue, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2015
1226965	Mechanism for Clastogenic Activity of Naphthalene	Buchholz, Bruce A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2015
1226949	Rutgers University Subcontract B611610 Final Report	Soundarajan, Sucheta [Rutgers Univ., New Brunswick, NJ (United States)]; Eliassi-Rad, Tina [Rutgers Univ., New Brunswick, NJ (United States)];	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2015
1226972	ROSS Skills, Knowledge, and Abilities Training Evaluation. Gaps and Recommendations	Ala, Maureen [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gruidl, Jeremiah [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2015
1226934	Shape evolution in neutron-rich nuclei near the r-process path	Wu, Ching-Yen [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/1/2015
1224392	Fusion Blanket Coolant Section Criteria, Methodology, and Results	DeMuth, J. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meier, W. R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/2/2015
1226984	FP-33 Final Analysis Report	Williams, R. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/2/2015
1226940	A Novel Vertex Affinity for Community Detection	Yoo, Andy [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Sanders, Geoffrey [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/5/2015
1226950	Enhancing Community Detection By Affinity-based Edge Weighting Scheme	Yoo, Andy [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Sanders, Geoffrey [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/5/2015
1226980	Simulating Aftershocks for an On Site Inspection (OSI) Exercise	Sweeney, J. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Ford, S. R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/5/2015
1226942	Development of Physics-Based Numerical Models for Uncertainty Quantification of Selective Laser Melting Processes - 2015 Annual Progress Report	Anderson, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Delplanque, Jean-Pierre [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/8/2015
1224409	Characterization of Proxy Application Performance on Advanced Architectures. UMT2013, MCB, AMG2013	Howell, Louis H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gunney, Brian T. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/9/2015
1226955	Gigashot Optical Laser Demonstrator	Deri, R. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/13/2015
1225686	Testing for Uranium Deuteride Initiation in Liquid Deuterium	Siekhaus, W. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Teslich, N. E. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/29/2015
1174291	Ultraviolet Light Generation and Transport in the Final Optics Assembly of the National Ignition Facility	Wegner, P.; Hackel, L.; Feit, M.; Parham, T.; Kozlowski, M.; Whitman, P.	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	2/12/2015
1194030	The CPA Equation of State and an Activity Coefficient Model for Accurate Molar Enthalpy Calculations of Mixtures with Carbon Dioxide and Water/Brine	Myint, P. C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hao, Y. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	3/27/2015
1184733	Implementation of an anisotropic mechanical model for shale in Geodyn	Attia, A; Vorobiev, O; Walsh, S	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	5/15/2015
1227017	Data And Informatics Working Group On Virtual Data Integration Workshop Report	Williams, D. N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Palanisamy, G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	10/13/2015

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1233444	Science & Technology Review October/November 2015	Orme, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	11/5/2015
1179390	The National Ignition Facility (NIF) Diagnostic Set at the Completion of the National Ignition Campaign (NIC) September 2013	Kilkenny, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bell, P. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/5/2015
1179396	Measuring Radiation Damage Dynamics By Pulsed Ion Beam Irradiation	Kucheyev, S. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/5/2015
1179405	LLNL Final Design for the Thermal Epithermal Experiments (TEX) with ZPPR Plutonium/ Aluminum Plates with Polyethylene and Tantalum, IER 184	Percher, Catherine M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kim, Soon S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/5/2015
1179410	Nanoplipoprotein Particles (NLPs) as Versatile Vaccine Platforms for Co-delivery of Multiple Adjuvants with Subunit Antigens from Burkholderia spp. and F. tularensis -	Fischer, N. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/6/2015
1179419	Distinguishing Pu Metal from Pu Oxide and Determining alpha-ratio using Fast Neutron Counting	Verbeke, J. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Chapline, G. F. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/7/2015
1179426	NIF and OMEGA X-Ray Environments Summary	Fournier, K. B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/7/2015
1179415	Sampling Report for May-June, 2014 WIPP Samples	Reynolds, J. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2015
1179416	NeutronSTARS Detector Modeling Report	Casperson, R. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Burke, J. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2015
1179422	Sampling Report for Parent Drum S855793	Alcaraz, Armando [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2015
1179423	Sampling Report for August 15, 2014 WIPP Samples	Reynolds, J. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2015
1179424	Detonation Energy Densities from the Cylinder Test	Souers, P. C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Vitello, P. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2015
1179432	A Framework For Evaluating Comprehensive Fault Resilience Mechanisms In Numerical Programs	Chen, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Peng, L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/9/2015
1179434	Investigation of the fragmentation of an explosively driven cylinder	Arthur, C. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Dunn, T. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/9/2015
1179402	Nanoplipoprotein Particles (NLPs) as Versatile Vaccine Platforms for Co-delivery of Multiple Adjuvants with Subunit Antigens from Burkholderia spp. and F. tularensis -	Fischer, N. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/13/2015
1179429	Lessons Learned & Observations on the 2014 Integrated Field Exercise	Kreek, S. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/15/2015
1179431	Inertial Fusion Power Plant Concept of Operations and Maintenance	Anklam, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Knutson, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/15/2015
1179425	Nudged Elastic Band Simulations of Kink Pairs in Tungsten	Cerceda, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Marian, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/16/2015
1179428	The Development of DYNASD Material Model 67 - Hyperelastic Elastomeric Foam With Viscoelasticity	Zywicz, E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/16/2015
1179399	CY15 Livermore Computing Focus Areas	Connell, Tom M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Cupps, Kim C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2015
1182227	Advanced Simulation and Computing Implementation Plan, FY15, Rev. 1	Meissner, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Matzen, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2015
1182235	Streamlining NIF Design Engineering Processes	Smith, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2015
1179403	Transportation of Sealed Radioactive Sources (49 CFR Sections 171-180)	Rueda, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lau, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/22/2015
1182229	Projection Microstereolithography for Architected Materials	Shusteff, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/26/2015
1182238	2014 Earth System Grid Federation and Ultrascale Visualization Climate Data Analysis Tools Conference Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/27/2015
1182245	SY5625 Requirements Document for TD Digitizers	Carpenter, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/28/2015
1182247	Report for WIPP UG Sample #3, R15C5 (9/3/14)	Anex, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Harding, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/29/2015
1182226	NIF Experiment Editor Redesign	Speck, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/30/2015
1183552	ARC Stray Light Mitigation	Manuel, A. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/30/2015

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1182233	Assessment of Non-traditional Isotopic Ratios by Mass Spectrometry for Analysis of Nuclear Activities	Biegalski, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Buchholz, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/2/2015
1182239	NIF S600D Snout Final Design Review (FDR) Report	Ahmed, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hibbard, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/2/2015
1182230	JASPER Target Corrosion Inspection	Dohoney, P. S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/4/2015
1183556	A Thermal Control System for an Isostatic Press	Adams, C. H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/4/2015
1183541	Magnetic Microcalorimeter Gamma Detectors for High-Precision Non-Destructive Analysis, FY14 Extended Annual Report	Friedrich, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/6/2015
1183543	Wind Power Curve Modeling in Simple and Complex Terrain	Bulaevskaya, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wharton, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/9/2015
1183546	An Energy Conservative Ray-Tracing Method With a Time Interpolation of the Force Field	Yao, Jin [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/10/2015
1183563	Selected Examples of LDRD Projects Supporting Test Ban Treaty Verification and Nonproliferation	Jackson, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Al-Ayat, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	2/23/2015
1184156	FY2014 LX-21 Aging and Compatibility	Gash, Alexander E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Fowzia, Zaka [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/5/2015
1184123	Quarterly Technical Progress Report March 2015	Buchholz, B. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/9/2015
1184136	New Packaging for Amplifier Slabs	Riley, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Thorsness, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/18/2015
1184145	Solving The Long-Standing Problem Of Low-Energy Nuclear Reactions At The Highest Microscopic Level. Annual Continuation And Progress Report, August 15, 2014 -	Quaglioni, Sofia [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/19/2015
1184143	Internal Dose Assessment NCERC Uranium Contamination Event	Tai, L. I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lobaugh, M. L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/23/2015
1184138	California GAMA Special Study: Application of multi-tracer methods to determine age distribution in nitrate-contaminated wells	Visser, Ate [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Deinhart, Amanda [California State Univ. (CalState), Long Beach, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/26/2015
1184142	JLOD Capabilities Brief 20150323	Belue, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Piscotty, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/26/2015
1184101	ZFS on RBODs - Leveraging RAID Controllers for Metrics and Enclosure Management	Stearman, D. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/30/2015
1184095	Science and Technology Review April/May 2015	Orme, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kotta, P. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/9/2015
1184154	NA-22 2014 Visible Data	Manay, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/24/2015
1184100	An internal report: Electron Spectroscopy of the Oxidation and Aging of U and Pu	Tobin, J. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/27/2015
1184189	Using Dempster-Shafer theory to assess explanations for the Zimbabwe anthrax outbreak of 1978-79	Velsko, S. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/27/2015
1184183	Rendering the Topological Spines	Nieves-Rivera, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/5/2015
1184188	Design & Implementation of MACSio	Miller, M. C. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/5/2015
1184174	Detecting Soft Errors in Stencil based Computations	Sharma, V. [Univ. of Utah, Salt Lake City, UT (United States)]; Gopalkrishnan, G. [Univ. of Utah, Salt Lake City, UT (United States)]; Bronevetsky, G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2015
1184176	The Boltzmann equation in the difference formulation	Szoke, Abraham [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brooks III, Eugene D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2015
1184185	Probabilistic Characterization of Partial Volume Effects in Imaging of Rectangular Objects	Bulaevskaya, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2015
1184186	Adaptive Sampling for High Throughput Data Using Similarity Measures	Bulaevskaya, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Sales, A. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2015
1184187	Project Report: CREST (Center for Research and Extreme Scale Technologies)	Wickramasinghe, U. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/6/2015
1184175	Evaluating Application Resilience with XRay	Chen, Sui [Louisiana State Univ., Baton Rouge, LA (United States)]; Bronevetsky, Greg [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/7/2015
1184179	Cuprous Oxide Scale up: Gram Production via Bulk Synthesis using Classic Solvents at Low Temperatures	Hall, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Han, T. Y. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/7/2015

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1184182	Continuous Security and Configuration Monitoring of HPC Clusters	Garcia-Lomeli, H. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bertsch, A. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Beck, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/8/2015
1184180	2009.1 Revision of the Evaluated Nuclear Data Library (ENDL2009.1)	Thompson, I. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Beck, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/11/2015
1184184	Anonymous Referee Report	Tobin, J. G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/11/2015
1184097	2011 Release of the Evaluated Nuclear Data Library (ENDL2011.0)	Brown, D. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Beck, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/12/2015
1184132	Havery Mudd 2014-2015 Computer Science Conduit Clinic Final Report	Aspesi, G [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bai, J [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/12/2015
1184173	Nuclear Data Matters - The obvious case of a bad mixing ratio for $^{58}\text{Co}$	Hoffman, R. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Nesaraja, Caroline D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/13/2015
1184178	Final Report on Diffractive Elements for X-ray Deformable Mirror Metrology	Chao, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/15/2015
1184093	LLNL Results from CALIBAN-PROSPERO Nuclear Accident Dosimetry Experiments in September 2014	Lobaugh, M. L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hickman, D. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/21/2015
1184150	Progress Report for "High-Resolution Methods for Phase Space Problems in Complex Geometry"	Dorr, M. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Colella, P. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/26/2015
1184738	JASPER Article	Holmes, N. [Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)]; Wallin, B. [Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/28/2015
1184753	Response to FESAC survey, non-fusion connections to Fusion Energy Sciences. Applications of the FES-supported beam and plasma simulation code, Warp	Friedman, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Grote, D. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	5/29/2015
1221189	Science and Technology Review July/August 2015	Hansen, Rose [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Heller, Arnie [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	8/1/2015
1226988	Final Report for USGS NEHRP Project 08HQGR0022	Rodgers, A. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	9/29/2015
1167010	Application of Framework for Integrating Safety, Security and Safeguards (3Ss) into the Design Of Used Nuclear Fuel Storage Facility	Badwan, Faris M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Demuth, Scott F [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/6/2015
1167231	Hazards Associated with Legacy Nitrate Salt Waste Drums Managed under the Container Isolation Plan	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clark, David Lewis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/7/2015
1167240	Hypothesis to Explain the Size Effect Observed in APO-BMI Compression Tests	Schembri, Philip Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Siranosian, Antranik Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/7/2015
1167232	Mechanical Behavior of the Near-field Host Rock Surrounding Excavations	Kelkar, Sharad M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stauffer, Philip H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/9/2015
1167233	Upscaling Nanowires for Thermoelectric power conversion	Mishra, Nimai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hollingsworth, Jennifer Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2015
1167234	Multi-Sector General Permit Annual Industrial Storm Water Training, TA-3-22 Power and Steam Plant (Sector 0)	Shendo, Marwin Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2015
1167235	Analysis of Sample DUM072 (INL pin casting, 500°C 8 hr)	Dickerson, Robert Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dickerson, Patricia O'Donnell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2015
1167236	Modeling Classical Heat Conduction in FLAG	Ramsey, Scott D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hendon, Raymond Cori [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2015
1167238	Structure Learning in Power Distribution Networks	Deka, Deepjyoti [Univ. of Texas, Austin, TX (United States)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/13/2015
1167239	The Trinity System	Archer, Billy Joe [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vigil, Benny Manuel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/13/2015
1167480	Engineered core/shell quantum dots as phosphors for solid-state lighting	Klimov, Victor Ivanovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pietryga, Jeffrey Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/14/2015
1167485	The LOFT perspective on neutron star thermonuclear bursts: White paper in support of the mission concept of the large observatory for X-ray timing	in't Zand, J. J.M. [SRON Netherlands Institute for Space Research, Utrecht (The Netherlands)]; Malone, Christopher M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/14/2015
1167487	Differential die-away instrument: Report on comparison of fuel assembly experiments and simulations	Goodsell, Alison Victoria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzl, Vladimir [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/14/2015
1167481	An overview of plutonium processing technologies at TA55	Fife, Keith W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Peach, William D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/15/2015
1167482	Oxide production program monthly report - December 2014	Kelley, Evelyn A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whitworth, Julia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/15/2015
1167483	Roadmap to MaRIE January 2015	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/15/2015

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1168714	The Thermal Response of TATB-Based PBXs	Dickson, Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parker, Gary Robert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	1/21/2015
1168717	Membrane Degradation Accelerated Stress Test	Mukundan, Rangachary [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Borup, Rodney L. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	1/21/2015
1168702	Lotic Water Hydrodynamic Model	Judi, David Ryan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tasseff, Byron Alexander [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	1/23/2015
1168711	An Introduction to LANL Mixed Potential Sensors	Mukundan, Rangachary [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brosha, Eric Lanich [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	1/26/2015
1169134	Code Disentanglement: Initial Plan	Wohlbiere, John Greaton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kelley, Timothy M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	1/27/2015
1169135	Evaluating the effect of varying flux group endpoints on reaction rates of $>238\text{U}$	Jaffke, Patrick John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	1/28/2015
1169136	Recycling Presentation	Cohen, Emma Rose [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	1/28/2015
1169138	Urban Flow, Wind Energy and Fire Modeling	Linn, Rodman Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Canfield, Jesse M. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	1/28/2015
1169139	Sign problem in Z-coefficient for particle emission angular distributions	Kawano, Toshihiko [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	1/29/2015
1169149	Criteria Considered in Selecting Feed Items for Americium-241 Oxide Production Operations	Schulte, Louis D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	1/30/2015
1169147	Plutonium Oxide Containment and the Potential for Water-Borne Transport as a Consequence of ARIES Oxide Processing Operations	Wayne, David Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rowland, Joel C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169148	Data Call Response for NEPA Supplement Analysis of CMRR	Booth, Steven Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169150	Probing the Physics of Burning DT Capsules Using Gamma-ray Diagnostics	Hayes-Sterbenz, Anna Catherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hale, Gerald M. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169151	UT-NE Radiation Instrumentation Research Group Meeting: An Update on Progress	Swift, Alicia L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169152	Hugoniot Measurements of Reacted High-explosive Products, and Monitoring of HE Product Flow in the Presence of Inert Objects (U)	Wood, William Monford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Olson, Russell Teall [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169154	The Rendezvous Algorithm for Domain-to-Domain Data Transfers	Christon, Mark Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169156	ARIES Oxide Production Program Annual Report - FY14	Kelley, Evelyn A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Steven Mark [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169157	MPA Materials Matter January 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/1/2015
1169158	Validation of Western North America Models based on finite-frequency and ray theory imaging methods	Larmat, Carene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Maceira, Monica [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/2/2015
1169161	FVTX Technical Report for P-25	Brooks, Melynda Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/2/2015
1169141	Modeling of Sylgard Adhesive Strength	Stevens, Ralph Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/3/2015
1169681	HIV Molecular Immunology 2014	Yusim, Karina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Korber, Bette Tina Marie [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/3/2015
1169665	Observation of cyclotron resonance and electron-phonon coupling in surface states of the bulk-insulating topological insulator	Wu, Liang [Johns Hopkins Univ., Baltimore, MD (United States). The Inst. for Quantum Matter]; Tse, Wang-Kong [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/5/2015
1169666	Observation of cyclotron resonance and electron-phonon coupling in surface states of the bulk-insulating topological insulator	Wu, Liang [Johns Hopkins Univ., Baltimore, MD (United States). The Inst. of Quantum Matter]; Tse, Wang-Kong [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/5/2015
1169672	LANL Meteorology Program	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/9/2015
1169673	Genetically encoded functional materials: regenerative medicine, optoelectronics, biosensing.	Martinez, Jennifer [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/9/2015
1169674	Trinity Era Storage	Lamb, Kyle E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/9/2015
1169676	Comparison of Fast Neutron Detector Technologies	Stange, Sy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mckigney, Edward Allen [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	2/9/2015
1169678	Los Alamos Canyon Ice Rink Parking Flood Plain Assessment	Hathcock, Charles Dean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Keller, David Charles [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/10/2015

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1169680	Implementing Brackish Water Use	Sullivan Graham, Enid Joan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/10/2015
1170258	Introduction to Gamma-Ray Spectroscopy and Nuclide Identification	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/11/2015
1170260	MaRIE: A facility for time-dependent materials science at the mesoscale	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	2/11/2015
1170261	Coherent behavior in Heavy Fermion materials; Understanding and controlling competing interactions in complex oxide heterostructures	Yarotski, Dmitry Anatolievitch [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sandberg, Richard L. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	2/11/2015
1170257	Efficient Synchronization Stability Metrics for Fault Clearing	Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/12/2015
1170263	A New Method to Measure Random-Coincidence Backgrounds with Reduced Statistical and Systematic Uncertainties	O'Donnell, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/13/2015
1170264	DARHT Radiographic Grid Scale Correction	Warthen, Barry J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/13/2015
1170272	New Generator Technology	Nielsen, Roy S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/17/2015
1170273	Building Detection using EO, Lidar, and GEOBIA	Pope, Paul Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Prasad, Lakshman [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/17/2015
1170274	Introduction to Pair Distribution Function Analysis	King, Graham Missell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/17/2015
1170691	SWAP Applications to the 2014 Ebola Outbreak	Daughton, Ashlynn Rae [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Deshpande, Alina [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	2/17/2015
1170694	Record Breaking Random Number Generator	Newell, Raymond Thorson [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/18/2015
1170695	CHARACTERIZATION OF Pro-Beam LOW VOLTAGE ELECTRON BEAM WELDING MACHINE	Burgardt, Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/18/2015
1170696	Legion, Domain-Specific Languages and In Situ Data Analysis & Visualization	McCormick, Patrick Sean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gutierrez, Samuel Keith [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/18/2015
1170711	PyFLOTTRAN Documentation Release 1.0.0	Karra, Satish [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kitay, Cory [Pennsylvania State Univ., University Park, PA	TR	LANL	Los Alamos National Lab. (LANL), Los	2/18/2015
1170621	Generic Crystalline Disposal Reference Case	Painter, Scott Leroy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chu, Shaoping [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/20/2015
1170622	Crystal structure and texture changes during thermal cycling of TATB	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Yeager, John David [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/20/2015
1170623	Elevated and Low Temperature Deformation of Cast Depleted Uranium	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/20/2015
1170628	Semiconductor Nanocrystals for New-generation Lightening and Light Harvesting Applications	Acharya, Krishna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/20/2015
1170630	Mechanical Properties of AM Stainless Steel Parts and Repair Welds	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carpenter, John S. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/22/2015
1170631	Unlocking the Secrets of Van Allen Radiation Belt Dynamics	Tu, Weichao [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/22/2015
1170626	High Temperature Mechanical Properties, Fractography and Synchrotron Studies of ATF clad materials from the UCSB-NSUF Irradiations.	Saleh, Tarik A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/23/2015
1170627	UCSB ATR-Å-NSUF Irradiation DMC Sample Inspection Report	Saleh, Tarik A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Quintana, Matthew Estevan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/23/2015
1170634	Minding the Gap	Firestone, Millicent Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/23/2015
1170637	Errors from Image Analysis	Wood, William Monford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/23/2015
1170703	Verifying and Validating Simulation Models	Hemez, Francois M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/23/2015
1170698	From shy atoms and photons to quantum future of X-ray free electron lasers	Anisimov, Petr Mikhaylovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	2/24/2015
1170706	End of FY2014 Report - Filter Measurement System for Nuclear Material Storage Canisters (Including Altitude Correction for Filter Pressure Drop)	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reeves, Kirk Patrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	2/24/2015
1170710	Analytical Chemistry Developmental Work Using a <sup>243</sup> Am Solution	Spencer, Khalil J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stanley, Floyd E. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	2/24/2015



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1209282	MaRIE X-FEL Linac Design: Status and Plans	Lewellen, IV, John W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carlsten, Bruce Eric [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/17/2015
1209283	MaRIE XFEL Pre-Conceptual Reference Design Injector	Russell, Steven John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carlsten, Bruce Eric [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/17/2015
1209284	Technical Assistance to Ion Power	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mukundan, Rangachary [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/18/2015
1171676	Business Case Analysis for Replacing the Mazak 30Y Mill-Turn Machine in SM-39. Summary	Booth, Steven Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Timothy Grant [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	3/19/2015
1209314	Physical Uncertainty Bounds (PUB)	Vaughan, Diane Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Preston, Dean L. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/19/2015
1209272	Development of Extended Period Pressure-Dependent Demand Water Distribution Models	Judi, David R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; McPherson, Timothy N. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/20/2015
1209273	MaRIE XFEL Physics Design Risks and Risk Mitigation Plans	Carlsten, Bruce Eric [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Russell, Steven John [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/20/2015
1209319	Raptor Use of the Rio Grande Gorge	Ponton, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/20/2015
1209320	Supplementary Feeding, Plumage Documentation and Early Season Prey of Peregrine Falcons at the New Mexico Alpha Eyrie	Ponton, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/20/2015
1209275	Lens of Eye Dosimetry	Mallett, Michael Wesley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1209276	DC Microgrids Scoping Study. Estimate of Technical and Economic Benefits	Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Swift, Gregory William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1209277	Training package 1 for slitting data analysis	Prime, Michael Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1209279	CMM Interim Check (U)	Montano, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1209280	Numerical computation of Pop plot	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1209286	Production Facility SCADA Design Report	Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/23/2015
1169155	Plutonium Training Opportunities	Balatsky, Galya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wolkov, Benjamin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	3/26/2015
1184605	Demonstration of femtosecond laser ablation inductively coupled plasma mass spectrometry for uranium isotopic measurements in U-10Mo nuclear fuel foils	Havrilla, George Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gonzalez, Jhanis [Applied Spectra Inc., Fremont, CA (United	TR	LANL	Los Alamos National Lab. (LANL), Los	6/10/2015
1184606	Fuel Fabrication Capability WBS 01.02.01.05 - HIP Bonding Experiments Final Report	Dickerson, Patricia O'Donnell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Summa, Deborah Ann [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	6/10/2015
1184607	Materials Classification & Accelerated Property Predictions using Machine Learning	Pilania, Ghanshyam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gubernatis, James E. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	6/10/2015
1184608	Misfit dislocations at metal-ceramic and ceramic-ceramic interfaces	Pilania, Ghanshyam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/10/2015
1184610	DOE Lessons Learned - SNM Portal Monitor Effectiveness Testing	Kaufman, Michael David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/10/2015
1184602	Longer-lived Diagnostic Isotopes: The 44Ti/44Sc Radionuclide Generator for Positron Emission Tomography (PET)	Radchenko, Valery [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/11/2015
1184603	Materials Frontiers to Empower Quantum Computing	Taylor, Antoinette Jane [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sarrao, John Louis [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/11/2015
1184604	Mini-columns for Conducting Breakthrough Experiments. Design and Construction	Dittrich, Timothy M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reimus, Paul William [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/11/2015
1184614	IGPPS Town Hall Vacancy for the Center Leader for the Institute for Geophysics, Planetary Physics, and Signatures	Clark, David Lewis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/14/2015
1184615	Development of improved ATF engineering alloy - Mechanical testing of Phase 2 alloy	Anderoglu, Osman [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lovato, Manuel L. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/15/2015
1184616	Robust Medical Isotope Production System	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/15/2015
1184617	Radiation Transport	Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/15/2015
1184613	Climate Signatures Fingerprints of a Dynamic Planet	Smith, Joshua E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/16/2015

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1186031	Multi-Channel Correlation Detectors: Accounting for and Reducing Non-target Detections	Carmichael, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/17/2015
1186041	Introducing Nuclear Data Evaluations of Prompt Fission Neutron Spectra	Neudecker, Denise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/17/2015
1186032	Algorithm for Beam Position and Phase Monitors in the LANSCE Linac	McCrary, Rodney Craig [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186033	Dose Assessment of LANL-Derived Residual Radionuclides in Soils within C Tracts (C-2, C-3, and C-4) for Land Transfer Decisions	Gillis, Jessica McDonnel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186034	2015 IC Report: w14_biosurveillance	Fairchild, Geoffrey [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Del Valle, Sara Yermimah [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186035	Fully Autonomous Multiplet Event Detection: Application to Local-Distance Monitoring of Blood Falls Seismicity	Carmichael, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carr, Christina [Univ. of Alaska, Fairbanks, AK (United	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186036	How Attackers Abuse Computing Systems	Kennel, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186037	ASC Additive Manufacturing	Schraad, Mark William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Francois, Marianne M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/18/2015
1186044	Characterization of Delayed-Particle Emission Signatures for Pyroprocessing. Part 1: ABTR Fuel Assembly.	Durkee, Jr., Joe W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186045	Automated Powder Dispenser	Kolman, David Gary [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186048	Modernization of NJOY: Creating NJOY21	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186049	ASC Physics and Engineering Models (PEM) Program Overview	Schraad, Mark William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sherrill, Manolo Edgar [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186050	NCSP Hands-On Criticality Safety Training Course Class Photo, LANL June 2015	Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186051	Harnessing Relativistic Laser Plasmas to Generate Intense Ion Beams: A Plasma Science Frontier White Paper	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Albright, Brian James [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/19/2015
1186057	NA-241 ABF Summary Presentation	Yoshida, Thomas M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meyers, Lisa [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	6/22/2015
1186058	Slides summary for ExtremeMat project	Martinez Saez, Enrique [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/22/2015
1188184	Prospects for a measurement of the $^{237}\text{U}(n,f)$ cross section at the LANSCE Lujan Center	Devlin, Matthew James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mocko, Michal [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/24/2015
1188147	Modeling Radionuclide Transport in Fractured Rock for Next Generation Nuclear Waste Repository Performance Assessments	Harp, Dylan Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pawar, Rajesh J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188148	Characterization and Modeling of Amorphous Metallic Cores	Taccetti, Jose Martin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Johnson, Jeffrey B. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188149	Phase Transitions in Miscible Two-Component Bose-Einstein Condensates	Collins, Lee A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ticknor, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188151	Disk Mechanical Test Development	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188152	Mo99 Production Plant Layout	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188193	Imaging the Core of Fukushima Reactor With Muons	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188194	Securing Single Points of Compromise (SPoC)	Belangia, David Warren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/25/2015
1188187	MaRIE XFEL injector concept improves on state-of-the-art by factor of 3	Russell, Steven John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/26/2015
1188196	229mTh and the Lowest Energy Gamma Ray, Ever	Rundberg, Robert S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/26/2015
1188197	IC W13_auptphase Highlight: Systematics of the 3rd-row transition metal melting	Burakovsky, Leonid [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Preston, Dean Laverne [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/26/2015
1188188	Experimental Design and Comparative Testing of a Hybrid-Cooled Computer Cluster Thesis Presentation	Bonnie, Amanda Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/28/2015
1188164	Actinide Research Quarterly	Migliori, Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015

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1188165	Annual Report on Numerical Study of Skyrmion Physics in Chiral Magnets	Lin, Shizeng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188166	GPGPU-Accelerated Combinatorial and Graph Optimization Using Co-Design Technique	Djidjev, Hristo Nikolov [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188167	Viewgraphs	Gardas, Bartlomiej [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Zurek, Wojciech [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188169	IC W13_fephas Highlight: Strong Size Dependence of Dynamic Instability Treatment in VASP Ab Initio Approach	Preston, Dean Laverne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Burakovskiy, Leonid [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188171	MarFS - Scalable POSIX on Object File System	Bonnie, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188189	A Career At A National Laboratory	Keksis, August Lawrence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188191	ICReport_EFHolby_2015	Holby, Edward F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188192	High-Precision Plutonium Isotopic Compositions Measured on Los Alamos National Laboratory's General Atomics Tanks Samples: Bearing on Model Ages, Reactor	Spencer, Khalil J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rim, Jung Ho [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	6/29/2015
1188173	The equation of state of nuclear matter	Gandolfi, Stefano [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carlson, Joseph Allen [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188174	Annual Progress Report for IC Project	Guo, Fan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188176	The Density of Uranium Hydride Formed Under Mechanical Load	Kelly, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dirmyer, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188177	Dry Cask Storage Verification with Muon Radiography	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188178	3D Geophysical Modeling Validation and UQ for Ground-Å-based NEM	Maceira, Monica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Larmat, Carene [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188179	Report viewgraphs for IC proposal: Fully-coupled climate simulations with an eddy-permitting ocean component	Veneziani, Carmela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188180	LANL Environmental ALARA Program Status Report for CY 2014	Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gillis, Jessica McDonnell [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188181	GPS Radiation Instrument Modeling and Simulation (Project w14_gpsradiation)	Sullivan, John P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1188182	Toward a unitary and self-consistent treatment of Big Bang Nucleosynthesis	Paris, Mark W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Grohs, Evan Bradley [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	6/30/2015
1191115	Predicting Climate Feedbacks and Impacts in the Terrestrial Arctic: IC Report	Coon, Ethan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191119	Zeus Approach to Critical Process with Calculated Multiplication and Dimensions and Mass of Available Parts	Goda, Joetta Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191120	Device Experimental Data: Polymer Nanowire Sensor Array for Subsurface CO <sub>2</sub> Monitoring: Phase 2	Romero, Christopher Jesse [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brosha, Eric Lanich [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191121	Marine Aerosol Precursor Emissions for Earth System Models	Maltrud, Mathew Einar [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191122	Helium Loop Cooling Channel Hydraulic Characterization	Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Morgan, Robert Vaughn [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191123	Scalable Heuristics for Planning, Placement and Sizing of Flexible AC Transmission System Devices	Frolov, Vladimir [Skolkovo Institute of Science and Technology, Skolkovo (Russia)]; Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191124	Atmospheric Response to Weddell Sea Open-Ocean Polynya	Hodos, Travis [United States Air Force Academy, Colorado Springs, CO (United States)]; Weijer, Wilbert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/2/2015
1191113	Experimental Design and Comparative Testing of a Hybrid-Cooled Computer Cluster	Bonnie, Amanda Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/6/2015
1191116	Probing TeV physics in the structure of the neutron	Gupta, Rajan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/6/2015
1191117	Need for Uncertainty Quantification in Predictions	Srinivasan, Gowri [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/6/2015
1191118	Determining x-ray spectra of radiographic sources with a Compton spectrometer	Gehring, Amanda Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Espy, Michelle A. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/6/2015
1193627	HPC National Leadership and Collaborative Roles	Rheinheimer, Randal E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/8/2015

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1193628	Flexible HPC Environments	Randles, Timothy C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/8/2015
1193629	MarFS-Requirements-Design-Configuration-Admin	Kettering, Brett Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Grider, Gary Alan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/8/2015
1193625	Why LANL is interested in the HRS	Mosby, Shea Morgan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Couture, Aaron Joseph [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/9/2015
1193617	Multi-scale Atmospheric Modeling of Green House Gas Dispersion in Complex Terrain. Controlled Release Study	Costigan, Keeley Rochelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sauer, Jeremy A. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/10/2015
1193612	Introduction to Control Part 1	Scheinker, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/13/2015
1193620	Uranium Fission Fragment Properties Across a Broad Incident Neutron Energy Spectrum	Duke, Dana Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/13/2015
1193621	Institutional Computing Annual Report 2015, Project W13_sdtnanoc	Germann, Timothy Clark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/13/2015
1193623	Uranium and Plutonium Measurements by Isotopic Ratio Methods	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/13/2015
1193613	Shock-to-Detonation Transition simulations	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/14/2015
1193614	Radioactive Liquid Waste Treatment Facility Discharges in 2014	Del Signore, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/14/2015
1196195	Pre-shot viewgraphs for first DT layered Beryllium Implosion	Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/14/2015
1196169	SPE-4Prime Near Field Data Quick Look	Steedman, David Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/15/2015
1196196	242 PU Standards Documentation Package	Longmire, Victoria L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/15/2015
1196197	Project Trinity. The Myth, The Legend, The Legacy	Carr, Alan B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/15/2015
1196175	Remote Whispering Applying Time Reversal	Anderson, Brian Eric [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/16/2015
1196166	375 Chiller Installation - DOE Presentation	Goldberg, Mitchell S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/17/2015
1196177	Effect of point defects on the thermal conductivity of UO2: molecular dynamics simulations	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stanek, Christopher Richard [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	7/21/2015
1196179	2014 LANL Radionuclide Air Emissions Report	Fuehne, David Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/21/2015
1196192	Fundamentals of Nondestructive Assay	Santi, Peter Angelo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/21/2015
1196193	Review of the GMD Benchmark Event in TPL-007-1	Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rivera, Michael Kelly [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/21/2015
1210207	Solving the power flow equations: a monotone operator approach	Dvijotham, Krishnamurthy [California Inst. of Technology (CalTech), Pasadena, CA (United States)]; Low, Steven [California Inst. of Technology	TR	LANL	Los Alamos National Lab. (LANL), Los	7/21/2015
1210208	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/22/2015
1210209	MST e-News July 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/22/2015
1210205	Analyzing Task-Based User Study Data to Determine Colormap Efficiency	Ashton, Zoe Charon Maria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wendelberger, Joanne Roth [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los	7/23/2015
1210206	Analyzing task-based user study data to determine colormap efficiency	Ashton, Zoe Charon Maria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wendelberger, Joanne Roth [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los	7/23/2015
1210215	National High Magnetic Field Laboratory-Pulsed Field Facility	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/23/2015
1210216	LANL Annual Student Symposium Application	Fellows, Samara Kia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/24/2015
1210219	(U) Analysis of shock-initiated PBX-9501 through porous CeO<sub>2</sub>	Fredenburg, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dattelbaum, Dana McGraw [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los	7/24/2015
1210211	Formed HIP Can Processing	Clarke, Kester Diederik [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/27/2015

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1207739	Production Facility Prototype Blower Installation Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/28/2015
1207740	Production Target Design Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/28/2015
1207741	Measurement and Characterization of Haswell Power and Energy Consumption	Huang, Song [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, Michael Kenneth [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/28/2015
1210202	Tool and Fixture Design	Graham, Mark W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/28/2015
1210203	Survey of Multi-Material Closure Models in 1D Lagrangian Hydrodynamics	Maeng, Jungyeoul Brad [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hyde, David Andrew Bulloch [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	7/28/2015
1207742	CMM Interim Check Design of Experiments (U)	Montano, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/29/2015
1207745	Digital acquisition with DANCE	Mosby, Shea Morgan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Couture, Aaron Joseph [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/29/2015
1207746	First Row Transition Metal Adsorption on Actinide Resin	Daum, Jaimie Kay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/29/2015
1207756	LANL Panel 1 Slides FY15 ICF review panel 1 Sandia National Laboratory July 28, 2015	Batha, Steven H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	7/29/2015
1207761	Data Analysis for Explosive Firesets	Barks, Thomas A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	7/30/2015
1207736	A new method of passive counting of nuclear missile warheads - a white paper for the Defense Threat Reduction Agency	Morris, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Durham, J. Matthew [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	7/31/2015
1207750	Momentum Deposition in Curvilinear Coordinates	Cleveland, Mathew Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lowrie, Robert Byron [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/3/2015
1207752	Durability Improvements Through Degradation Mechanism Studies	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mukundan, Rangachary [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/3/2015
1207749	Dissertation: Precompound Emission of Energetic Light Fragments in Spallation Reactions	Kerby, Leslie Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/4/2015
1207753	Possible Improvements to MCNP6 and its CEM/LAQGSM Event-Generators	Mashnik, Stepan Georgievich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/4/2015
1207754	Rad-Hydro with a High-Order, Low-Order Method	Wollaber, Allan Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Park, HyeonKae [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/4/2015
1209469	The Explodatorium	Warthen, Barry J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/5/2015
1209472	Furball Explosive Breakout Test	Carroll, Joshua David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/5/2015
1209462	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/6/2015
1209467	Using a Time Projection Chamber to Measure High Precision Neutron-Induced Fission Cross Sections	Manning, Brett [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/6/2015
1209461	An Electron/Photon/Relaxation Data Library for MCNP6	Hughes, III, H. Grady [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/7/2015
1209463	DNDO Report	Liegey, Lauren Rene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wilcox, Trevor [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/7/2015
1209464	AskIT Service Desk Support Value Model	Ashcraft, Phillip Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cummings, Susan M. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	8/7/2015
1209454	Payload Communications Interface for CubeSat Platform: Design Review	Akins, Alexander Brooks [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/10/2015
1209455	Embedding Sensors During Additive Manufacturing	Sbriglia, Lexey Raylene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/10/2015
1209457	A Four Channel Beam Current Monitor Data Acquisition System Using Embedded Processors	Wheat, Jr., Robert Mitchell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dalmas, Dale A. [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	8/11/2015
1209460	Simulating Warm Dense Matter using Density Functional Theory	Feinblum, David V. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Burrill, Daniel [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/11/2015
1211579	Roadmap to MaRIE August 2015	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/12/2015
1211581	Modeling Hot-Spot Contributions in Shocked High Explosives at the Mesoscale	Harrier, Danielle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/12/2015

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1170708	Uncertainties of the Yn Parameters of the Hage-Cifarelli Formalism	Smith-Nelson, Mark A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Burr, Thomas Lee [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/14/2015
1211582	Calculation of Latitude and Longitude for Points on Perimeter of a Circle on a Sphere	Morris, Heidi E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/14/2015
1211596	Structure Property Studies for Additively Manufactured Parts	Milenski, Helen M [Univ. of Mexico, Los Alamos, NM (United States)]; Schmalzer, Andrew Michael [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	8/17/2015
1211597	Youngs-Type Material Strength Model in the Besnard-Harlow-Rauen Zahn Turbulence Equations	Denissen, Nicholas Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Plohr, Bradley J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/17/2015
1211598	More Opportunities than Wealth. A Network of Power and Frustration	Mahault, Benoit Alexandre [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Saxena, Avadh Behari [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	8/17/2015
1211599	High Performance and Durable Low PGM Cathode Catalysts	Wang, Yong [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Liu, Jun [Pacific Northwest National Lab. (PNNL), Richland,	TR	LANL	Los Alamos National Lab. (LANL), Los	8/17/2015
1211602	LANL Meteorology Program FY15	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/18/2015
1211603	Comparison of Uncertainty of Two Precipitation Prediction Models at Los Alamos National Lab Technical Area 54	Shield, Stephen Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dai, Zhenxue [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	8/18/2015
1211605	Summary Report of Summer Work: High Purity Single Crystal Growth & Microstructure of Ferritic-Martensitic Steels	Pestovich, Kimberly Shay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/18/2015
1212610	Ergonomic Analysis of Anti-C Glove Transportation	Christensen, Micaela Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212611	Supplemental Cooling for Nitrate Salt Waste	Goldberg, Mitchell S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212612	Aligning Time Series for Cyber-Physical Network Intrusion Detection	Grosskopf, Michael John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212613	Science Campaigns Primary Assessment Technology (C1) Fission and Criticality (MTE 1.4)	White, Morgan Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212614	Experimental Physical Sciences, Advancing physics and materials science for problems of national importance	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212622	Off-Site Source Recovery Project	Zarling, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212623	PyFLOTTRAN-GUI. A Graphical User Interface for PFLOTTRAN	Islam, M. D. Raqibul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212624	Ultra-sensitive Magnetic Microscopy with an Atomic Magnetometer	Kim, Young Jin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212625	Physics Flash August 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/19/2015
1212615	Experimental phasing, including recent developments in SAD phasing	Terwilliger, Thomas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/20/2015
1212616	Experimental study of an isochorically heated heterogeneous interface. A progress report	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/20/2015
1212618	Statistical Analysis of Demographic and Temporal Differences in LANL's 2014 Voluntary Protection Program Survey	Davis, Adam Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Booth, Steven Richard [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	8/20/2015
1212628	Characterization of the Potential Hazards Associated with Potential RCRA Treatment Noncompliances	Clark, David Lewis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/20/2015
1212629	Kilowatt Reactor Using Stirling TechnologY (KRUSTY) Demonstration. CEDT Phase 1 Preliminary Design Documentation	Sanchez, Rene Gerardo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hutchinson, Jesson D. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	8/20/2015
1212630	Data Visualization for Threat Analytics	Hollis, Andrew Nathan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/21/2015
1212631	Convergence of the Beer-Lambert-Bouguer Law in Discrete Particulate Media	Frankel, Ari [Stanford Univ., CA (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/21/2015
1212632	Measurement of Plutonium Isotopic Composition - MGA	Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/21/2015
1212634	MPA Materials Matter August 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/21/2015
1212635	Survey of Ejecta Source Modeling in FLAG	Harrison, Alan Kent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/21/2015
1212633	2013 Los Alamos National Laboratory Hazardous Waste Minimization Report	Salzman, Sonja L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; English, Charles J. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015

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1212637	Integrated Forest Management Charter	Hansen, Leslie A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212638	Visualizing expanding warm dense matter heated by laser-generated ion beams	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212640	Extensions to Dynamic System Simulation of Fissile Solution Systems	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bernardin, John David [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212641	Overview of the LANL/AFNWC Java Tools, The LANL Nuclear Weapon Analysis Tools	St Ledger, John W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212642	Characterization of beryllium deformation using in-situ x-ray diffraction	Magnuson, Eric Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brown, Donald William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212643	What do we mean by the word "Shock"?	Runnels, Scott Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/24/2015
1212626	Statistical Analysis of the Worker Engagement Survey Administered at the Worker Safety and Security Team Festival	Davis, Adam Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/25/2015
1212627	Combined Modular Pumped Hydro Energy Storage Plus Solar PV Proposal for Rio Rancho High School, New Mexico	Bibeault, Mark Leonide [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	8/25/2015
1213496	GPU Acceleration of Mean Free Path Based Kernel Density Estimators in Monte Carlo Neutronics Simulations with Curvilinear Geometries	Burke, Timothy Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kiedrowski, Brian [Univ. of Michigan, Ann Arbor, MI	TR	LANL	Los Alamos National Lab. (LANL), Los	8/27/2015
1214632	Optical Method for Detecting and Analyzing Energetic Particle Radiation	Henderson, Kevin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/8/2015
1214633	FM Raman Spectroscopy Temperature Sensor	Henderson, Kevin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/8/2015
1214634	Optical Method for Detecting Alpha Particles and Neutrons	Henderson, Kevin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/8/2015
1214620	Surface Signature Characterization at SPE through Ground-Proximal Methods: Methodology Change and Technical Justification	Schultz-Fellenz, Emily S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214621	Commercial Nuclear Reprocessing in the United States	Sherrill, Charles Leland [Brigham Young Univ., Provo, UT (United States)]; Balatsky, Galya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214635	Campaign 1.7 Pu Aging. Development of Time of Flight Secondary Ion Mass Spectroscopy	Venhaus, Thomas J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214636	(U) Neutron-Induced Gamma-Ray Calculations Using DMTK	Favorite, Jeffrey A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214637	Distributed seeding for narrow-line width hard x-ray free-electron lasers	Nguyen, Dinh Cong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Anisimov, Petr Mikhaylovich [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214639	An Opportunity to Improve Strength Modeling in Shocks	Runnels, Scott Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214640	Byfl. Hardware-Independent Application Characterization	Pakin, Scott D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/9/2015
1214624	Introduction to Control Theory. Part 2. Laplace Transforms and Linear Systems	Scheinker, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/11/2015
1214625	Introduction to Control Theory. Part 3. State Space, Stability, and Lyapunov Functions	Scheinker, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/11/2015
1214628	Equation of State Project Overview	Crockett, Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/11/2015
1214629	Physical Infrastructure Integration for Trinity, ASC L2 Milestone Review	Sena, Phillip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/11/2015
1214616	Temperature Profile of the Solution Vessel of an Accelerator-Driven Subcritical Fissile Solution System	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Determan, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	9/14/2015
1214617	Simulator for an Accelerator-Driven Subcritical Fissile Solution System	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Day, Christy M. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	9/14/2015
1214618	Research at Los Alamos	Bradley, Paul Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/14/2015
1214619	Analytical Chemistry and Materials Characterization Results for Debris Recovered from Nitrate Salt Waste Drum S855793	Martinez, Patrick Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chamberlin, Rebecca M. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	9/16/2015
1212619	FS65 Disposition Option Report	Wenz, Tracy R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	9/25/2015
1222691	Analysis of Performance of Selected AFC, ATF Fuels, and Lanthanide Transport	Unal, Cetin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	9/29/2015

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1222680	Survey and Analysis of Multiresolution Methods for Turbulence Data	Pulido, Jesus J. [Univ. of California, Davis, CA (United States)]; Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Livescu, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/5/2015
1222681	LANL 2015 summer work: Coyote universe emulator for web	Bryan, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/5/2015
1222684	HIV Sequence Compendium 2015	Foley, Brian Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leitner, Thomas Kenneth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/5/2015
1222685	Performance, power, and energy of in-situ and post-processing visualization	Adhinarayanan, Vignesh [Virginia Polytechnic Inst. and State Univ. (Virginia Tech), Blacksburg, VA (United States)]; Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/5/2015
1222688	Building a Particle Simulator	Weaver, Brian Phillip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/6/2015
1222690	A Critical Examination of Figure of Merit (FOM). Assessing the Goodness-of-Fit in Gamma/X-ray Peak Analysis	Croft, S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Favalli, Andrea [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/6/2015
1223181	Facility target insert shielding assessment	Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/6/2015
1223182	Production Facility System Reliability Analysis Report	Dale, Crystal Buchanan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/6/2015
1223183	Catalytic Routes for the Conversion of Biomass Derivatives to Hydrocarbons and/or Platform Chemicals	Silks, III, Louis A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/7/2015
1223173	Quantized beam shifts in graphene	de Melo Kort-Kamp, Wilton Junior [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sinitsyn, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223174	HPC - Platforms Penta Chart	Trujillo, Angelina Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223175	HPC - Facilities Penta	Trujillo, Angelina Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223185	Borehole based acoustic imaging	Pantea, Cristian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223186	A Prescription for List-Mode Data Processing Conventions	Beddingfield, David H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223187	Modeling Yields under the standard SN Paradigm	Fryer, Christopher Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/8/2015
1223176	What is the current state of the science of Cyber defense?	Hurd, Alan J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/9/2015
1223178	An Integrated Framework for CO <sub>2</sub> Accounting and Risk Analysis in CO <sub>2</sub> -EOR Sites	Dai, Zhenxue [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Viswanathan, Hari S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/13/2015
1223179	Rossi alpha Measurements and Calculations for HEU/Pb Core	Goda, Joetta Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sanchez, Rene Gerardo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/13/2015
1223744	Nuclear Security for Floating Nuclear Power Plants	Skiba, James M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Scherer, Carolyn P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/13/2015
1223745	Next Generation Safeguards Initiative Efforts at Los Alamos National Laboratory: Developing Our Human Capital FY2015	Stevens, Rebecca S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hawkins Erpenbeck, Heather [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/13/2015
1223746	Fusion Rockets for Planetary Defense	Wurden, Glen Anthony [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/14/2015
1223748	Introduction to Uncertainties in Passive Neutron Coincidence Counting -Statistical Concepts Course -	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Santi, Peter Angelo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/14/2015
1223749	Thermal transport in UO <sub>2</sub> with defects and fission products by molecular dynamics simulations	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cooper, Michael William Donald [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/14/2015
1223758	Working Group on Social Internet Data Mining and Analytics for Nuclear Nonproliferation	Fairchild, Geoffrey [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bahran, Rian Mustafa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/14/2015
1223752	2015 Final Reports from the Los Alamos National Laboratory Computational Physics Student Summer Workshop	Runnels, Scott Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Caldwell, Wendy [Arizona State Univ., Mesa, AZ (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/15/2015
1223754	Precompression and Desensitization of a High Explosive by Trapped Gas in Plate Impact Experiments	Anderson, William Wyatt [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/15/2015
1223755	Reactive Burn Modeling Applications and Experiments	Johnson, Carl Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Francois, Elizabeth Green [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/15/2015
1223760	2015 Multi-Sector General Permit TA54 Storm Water Pollution Prevention Plans Training	DiSalle, Camillo R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/15/2015
1223761	Deposition and Characterization of Improved Hydrogen Getter Materials - Report on FY 14-15 Activities	Hubbard, Kevin Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sandoval, Cynthia Wathen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/15/2015



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1223762	Multi-Sector General Permit Annual Storm Water Training for TA50 WCRRF, TA54 Area G, Area L, RANT, and the Maintenance Facility West	DiSalle, Camillo R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/15/2015
1223763	In-Situ Visualization Experiments with ParaView Cinema in RAGE	Kares, Robert John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/15/2015
1223764	Imaging the inside of thick structures using cosmic rays	Guardincerri, Elena [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bacon, Jeffrey Darnell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/15/2015
1223765	Symmetries of the Euler compressible flow equations for general equation of state	Boyd, Zachary M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ramsey, Scott D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/15/2015
1223756	Calculations in Support of JAEA Experiments. Update Oct 2015	Goda, Joetta Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; James, Michael R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/16/2015
1223757	Taking Steps to Protect Against the Insider Threat	Pope, Noah Gale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Williams, Martha [Tetra Tech HEI; Powell, TN (United States)]; Lewis, James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/16/2015
1223767	CNA Seminar	Browne, Kevin Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/16/2015
1223768	The thermal conductivity of mixed fuel U <sub>2</sub> Pu <sub>1-x</sub> O <sub>2</sub> : molecular dynamics simulations	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cooper, Michael William Donald [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/16/2015
1223770	Evaluation of Molybdenum as a Surrogate for Iridium in the GPHS Weld Development	Stine, Andrew Martin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/17/2015
1223772	Beyond Defensive IO: Leveraging the Burst Buffer for In-transit Visualization Workflows	Canada, Curtis Vincent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Patchett, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/19/2015
1223773	Studying Neutron Capture with Apollo	Couture, Aaron Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/19/2015
1223774	Simultaneous Thermal Analysis of WIPP and LANL Waste Drum Samples: A Preliminary Report	Wayne, David M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/19/2015
1223780	Chemistry at the Intersection of Radioactive Compounds and Energetic Materials	Browne, Kevin Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/19/2015
1223781	Acronyms for RLW Drawings	Del Signore, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/20/2015
1223783	HPC at LANL: History and Future	Rheinheimer, Randal E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/20/2015
1223784	MPA Materials Matter October 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/20/2015
1225268	Aqueous Solution Vessel Thermal Model Development II	Buechler, Cynthia Eileen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/28/2015
1225269	CAPTAIN-Miner1/a. Neutrino-Argon Scattering in a Medium-Energy Neutrino Beam	Mauger, Christopher M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/29/2015
1225270	Colloid-Facilitated Transport of <sup>137</sup> Cs in Fracture-Fill Material. Experiments and Modeling	Dittrich, Timothy M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reimus, Paul William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/29/2015
1225279	WMC Database Evaluation. Case Study Report	Palounek, Andrea P. T [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/29/2015
1225280	Export Control Requirements for Tritium Processing Design and R&D	Hollis, William Kirk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Maynard, Sarah-Jane Wadsworth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/30/2015
1225282	R&D to Enhance the Performance of Superconducting RF Structures	Tajima, Tsuyoshi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	10/30/2015
1225286	Solitary waves in nonlinear Dirac equation. From field theory to Dirac materials	Saxena, Avadh [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/2/2015
1225287	(U) A Gruneisen Equation of State for TPX. Application in FLAG	Fredenburg, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Aslam, Tariq Dennis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/2/2015
1225289	Patriot Script 1.0.13 User Guide for PEM 1.3.2	Cleland, Timothy James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kubicek, Deborah Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/2/2015
1225293	NSR&D FY15 Final Report. Modeling Mechanical, Thermal, and Chemical Effects of Impact	Long, Christopher Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ma, Xia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/2/2015
1225294	An Empirical Method for Determining <sup>234</sup> U Percentage	Miko, David K. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/2/2015
1225589	Shift Register Clock Rate Effects on Coincidence Collection 50MHz versus 4MHz Comparison Tests	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bourret, Steven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/3/2015
1225590	Measurement of Fresh Fuel Rods to Demonstrate Compliance with Criticality Safety Limits	Miko, David K. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/3/2015

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1225591	The Nuclear Fuel Cycle and Associated Gamma-Ray Signatures	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/3/2015
1225592	Nanoscale Strain Maps Inside a Metal	Fensin, Saryu Jindal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sandberg, Richard L. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	11/3/2015
1225295	Rapid heating of matter using high power lasers	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225560	Improving Neutron Measurement Capabilities; Expanding the Limits of Correlated Neutron Counting	Santi, Peter Angelo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Geist, William H. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225561	Active Interrogation for Spent Fuel	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dougan, Arden [National Nuclear Security Administration	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225562	SHINE Tritium Nozzle Design: Activity 6, Task 1 Report	Okhuysen, Brett S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pulliam, Elias Noel [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225563	Imaging Spent Fuel in Dry Storage Casks with Cosmic Ray Muons	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dougan, Arden [National Nuclear Security Administration	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225568	Design Principles for Materials with Magnetic Functionality	Thompson, Joe David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225569	Summary. "Materials Challenges in Nuclear Energy," S.J. Zinkle, 2013	Pestovich, Kimberly Shay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225571	LANL Space Environment Capability	Larsen, Brian Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225572	Hole-Closure Test Problem	Dodd, Evan S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	11/5/2015
1225564	Multigroup Free-atom Doppler-broadening Approximation. Theory	Gray, Mark Girard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/6/2015
1225565	Multigroup Free-atom Doppler-broadening Approximation. Experiment	Gray, Mark Girard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/6/2015
1225586	Status Update of the Majorana Demonstrator Neutrinoless Double Beta Decay Experiment	Gruzko, Julieta [Univ. of Washington, Seattle, WA (United States)]; Rielage, Keith Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United	TR	LANL	Los Alamos National Lab. (LANL), Los	11/10/2015
1226125	Los Alamos National Security, LLC Request for Information from industrial entities that desire to commercialize Laboratory-developed Extremely Low Resource Optical	Erickson, Michael Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/10/2015
1226126	NGSI FY15 Final Report. Innovative Sample Preparation for in-Field Uranium Isotopic Determinations	Yoshida, Thomas M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meyers, Lisa [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los	11/10/2015
1226127	Consortia for Materials and Energy Studies Annual Update	Rockward, Tommy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/10/2015
1226129	Market Research Survey of Commercial Off-the-Shelf Mass Spectrometers for In-Field Analysis. FY 15 Update	Yoshida, Thomas M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leibman, Christopher Patrick [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los	11/12/2015
1226130	Newtonian Hydrodynamics with Arbitrary Volumetric Sources	Lowrie, Robert Byron [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/12/2015
1226133	Design of megawatt power level heat pipe reactors	McClure, Patrick Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Poston, David Irvin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	11/12/2015
1226134	1L Harp Chassis Pics	Sedillo, James Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/12/2015
1226136	Engineering Options Assessment Report. Nitrate Salt Waste Stream Processing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/13/2015
1226137	Nitrate Salt Surrogate Blending Scoping Test Plan	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/13/2015
1226139	Multiple Flow Loop SCADA System Implemented on the Production Prototype Loop	Baily, Scott A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dalmas, Dale Allen [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los	11/16/2015
1226141	EOS Interpolation and Thermodynamic Consistency	Gammel, J. Tinka [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/16/2015
1226142	Bradbury Science Museum Collections Inventory Photos Disc #4	Strohmeier, Wendy J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/16/2015
1226131	Hot electron measurements from the DIME campaign	Bradley, Paul Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/17/2015
1226132	Advanced Conductor Development with High Temperature Superconductors and Carbon Nanotubes	Holesinger, Terry George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/17/2015
1226886	Physics Flash November 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/18/2015

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1226895	2005 and 2008 earthquake relocations at Akutan Volcano	Syracuse, Ellen Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/18/2015
1226897	Overview of Bioscience Division - November 2015	McDonald, Rebecca E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hong-Geller, Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/18/2015
1226898	Bioscience Overview Presentation	McDonald, Rebecca E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/18/2015
1226899	Engineering Options Assessment Report: Nitrate Salt Waste Stream Processing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/18/2015
1226887	GPU Acceleration of Mean Free Path Based Kernel Density Estimators for Monte Carlo Neutronics Simulations	Burke, Timothy P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kiedrowski, Brian C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/19/2015
1226885	Very Brief Account from Electrocatalysis-Relevant Discussion at Durability Working Group in Chicago Last December	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/20/2015
1226888	Numerical simulation of Rayleigh-Taylor instabilities involving solids	Chang, Chong H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/20/2015
1226889	Preshot Predictions for LA-43S-1 using the Eulerian AMR Code Roxane	Watt, Robert Gregory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/23/2015
1226892	Roadmap to MaRIE November 2015	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/23/2015
1226893	Explosives Synthesis and Formulation-Conventional Explosives	Kinkead, Scott Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/23/2015
1227256	2015 Los Alamos Space Weather Summer School Research Reports	Cowee, Misa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chen, Yuxi [Univ. of Michigan, Ann Arbor, MI (United States)]; Desai, Nishant [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/24/2015
1227254	LANL Robotic Vessel Scanning	Webber, Nels W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/25/2015
1227258	Characterization of Carbon Epoxy-Filled Composite	Mason, Thomas Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Liu, Cheng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/25/2015
1227259	Independent Review of Siesmic Performance Assessments for the Plutonium Facility PF-4	Whittaker, Andrew [State Univ. of New York (SUNY), Buffalo, NY (United States)]; Goen, Lawrence Kenneth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/25/2015
1227260	Lightning Talks 2015: Theoretical Division	Shlachter, Jack S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	11/25/2015
1227248	Current Status of Helium-3 Alternative Technologies for Nuclear Safeguards	Henzlava, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kouzes, R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227250	Multiplicity Counting	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227251	EERE-SBIR technology transfer opportunity. H2 Safety Sensors for H2	Johnston, Mariann R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227252	MEMORANDUM OF UNDERSTANDING between Los Alamos National Laboratory (LANL) and Savannah River National Laboratory (SRNL) for Analytical Chemistry	Lloyd, Jane Alexandria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227253	Implementation and Initial Testing of Advanced Processing and Analysis Algorithms for Correlated Neutron Counting	Santi, Peter Angelo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227406	Rapid heating of materials using high power lasers	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/1/2015
1227408	Measuring SNM Isotopic Distributions using FRAM	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/2/2015
1227409	Model development and data uncertainty integration	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/2/2015
1227933	Model development and data uncertainty integration	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/2/2015
1228069	Messages Diffuse Faster than Messengers Pitfalls in the Interpretation of Labeled Particle Motion	Pearson, John Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/3/2015
1228070	Argonne Bubble Experiment Thermal Model Development	Buechler, Cynthia Eileen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/3/2015
1228071	MCNP6. Simulating Correlated Data in Fission Events	Rising, Michael Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sood, Avneet [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/3/2015
1228072	Cyber Security Research Frameworks For Coevolutionary Network Defense	Rush, George D. [Missouri Univ. of Science and Technology, Rolla, MO (United States)]; Tauritz, Daniel Remy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/3/2015
1228076	Modeling of Omega hydro experiments using LLE laser package	Di Stefano, Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Doss, Forrest William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los	12/4/2015

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1228077	HOPE Release 3 Pitch Angle Sneak Peak	Larsen, Brian Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Skoug, Ruth M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/4/2015
1228078	Pyrocumulus Collapse. Unpredicted Wildfire Dangers	Kim, Young-Joon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Linn, Rodman [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/7/2015
1228073	Degradation mechanism of Ni-based superalloy under extreme irradiation environments	Sun, Cheng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/8/2015
1228074	Eight Pulse Performance of DARHT Axis II - Preliminary Results	Schulze, Martin E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/8/2015
1228079	Assessment of Residual Stresses in 3013 Inner and Outer Containers and Teardrop Samples	Stroud, Mary Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Prime, Michael Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/8/2015
1229716	The Origin of a New Species	Lo, Li-Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/9/2015
1229717	NCO-5 Technician Cuts Finger while Cutting Gasket Material	Trujillo, Stanley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schreiber, Stephen Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/10/2015
1229718	Analysis of Precipitation (Rain and Snow) Levels and Straight-line Wind Speeds in Support of the 10-year Natural Phenomena Hazards Review for Los Alamos	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/10/2015
1229714	Validation of cleaning method for various parts fabricated at a beryllium facility	Davis, Cynthia M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/11/2015
1229719	Multi-Phenomenology Explosion Monitoring (Multi-PEM). Signal Detection. Research to target smaller sources for tomorrow's missions	Carmichael, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/12/2015
1229720	Detonation Wave Profile	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/14/2015
1229721	How To Throw A Zero Waste Event	Cohen, Emma Rose [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/14/2015
1229709	JWL Equation of State	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1229710	MST e-News December 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1229711	MPA Materials Matter December 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1233248	A More General Solution of the Kenamond HE Problem 2	Kaul, Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1233249	COE1 Calorimeter Operations Manual	Santi, Peter Angelo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1233250	Validation of cleaning method for various parts fabricated at a Beryllium facility	Davis, Cynthia M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1233251	General Solution of the Kenamond HE Problem 3	Kaul, Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/15/2015
1233252	Performance Characterization of the Production Facility Prototype Helium Flow System	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/16/2015
1233257	MT71x: Multi-Temperature Library Based on ENDF/B-VII.1	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parsons, Donald Kent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/16/2015
1233256	Options Assessment Report: Treatment of Nitrate Salt Waste at Los Alamos National Laboratory	Robinson, Bruce Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stevens, Patrice Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/17/2015
1233259	MENDF71x. Multigroup Neutron Cross Section Data Tables Based upon ENDF/B-VII.1	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parsons, Donald Kent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/17/2015
1233260	Kondo Physics and Unconventional Superconductivity in the U Intermetallic U <sub>2</sub> PtC <sub>2</sub> Revealed by NMR	Mounce, Andrew M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Thompson, Joe David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/17/2015
1233239	Postdoc capability awareness AOT	Erickson, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/18/2015
1233242	The Optimization and Calibration of the AWCC Using 252Cf Interrogation and the Comparison with an AmLi Neutron Source	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rael, Carlos D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/18/2015
1233245	Crystalline and Crystalline International Disposal Activities	Viswanathan, Hari S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chu, Shaoping [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/21/2015
1233246	Towards intelligent microstructural design of Nanocomposite Materials. Lightweight, high strength structural/armor materials for service in extreme	Mara, Nathan Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bronkhorst, Curt Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/21/2015
1233253	September 2013 Storm and Flood Assessment Report	Walterscheid, J. C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	12/21/2015

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1233254	Cren(ulation)-A-1,2 Preshot Report	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los	12/21/2015
1168703	PFLOTRAN User Manual: A Massively Parallel Reactive Flow and Transport Model for Describing Surface and Subsurface Processes	Lichtner, Peter C. [OFM Research, Redmond, WA (United States)]; Hammond, Glenn E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United	TR	LANL	Los Alamos National Lab. (LANL), Los	1/20/2015
1168705	Anisotropic Elastic-Waveform Modeling for Fracture Characterization in EGS Reservoirs	Gao, Kai [Los Alamos National Laboratory]; Huang, Lianjie [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	1/26/2015
1170256	Nuclear & Materials Science Research at LANSCE	Kippen, Karen Elizabeth [Los Alamos National Laboratory]; Llobet Megias, Anna [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/12/2015
1171673	Physics Flash February 2015	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/24/2015
1171674	Modular Design in Treaty Verification Equipment	Macarthur, Duncan Whitemore [Los Alamos National Laboratory]; Benz, Jacob [Pacific Northwest National Laboratory]; Tolk, Keith	TR	LANL	Los Alamos National Laboratory (LAN	2/24/2015
1171675	SESAME Equations of State for Stress Cushion and Related Materials	Coe, Joshua Damon [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/24/2015
1171668	Extending <TKE> Measurements to En=30 MeV and Beyond	Duke, Dana Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/25/2015
1171678	Four-Dimensional Golden Search	Fenimore, Edward E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/25/2015
1172315	Magnifying Lenses with Weak Achromatic Bends for High-Energy Electron Radiography	Walstrom, Peter Lowell [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	2/27/2015
1171663	Thermo-hydrological and chemical (THC) modeling to support Field Test Design	Stauffer, Philip H. [Los Alamos National Laboratory]; Jordan, Amy B. [Los Alamos National Laboratory]; Harp, Dylan Robert [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LAN	3/2/2015
1171664	Sea Ice Modeling: Characteristics and Processes Critical for the Radiation Budget	Hunke, Elizabeth Clare [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/2/2015
1171665	CS651 Computer Systems Security Foundations 3d Imagination Cyber Security Management Plan	Nielsen, Roy S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/2/2015
1171666	Overview of Calibrating Codes With Multivariate Output	Williams, Brian J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/2/2015
1172204	Micro-X-ray Fluorescence (MXRF) Direct Solids	Worley, Christopher Gordon [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/4/2015
1172206	Dried Spot and Thin Film XRF Specimen Preparation	Worley, Christopher Gordon [Los Alamos National Laboratory]; Colletti, Lisa Michelle [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/4/2015
1172207	New Arsenic Cross Section Calculations	Kawano, Toshihiko [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/4/2015
1172220	An Exact, Compressible One-Dimensional Riemann Solver for General, Convex Equations of State	Kamm, James Russell [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/5/2015
1172221	Naturally Occurring Radionuclides for EIM and Intellus	Mcnaughton, Michael [Los Alamos National Laboratory]; Fuehne, David Patrick [Los Alamos National Laboratory]; Whicker, Jeffrey Jay [Los	TR	LANL	Los Alamos National Laboratory (LAN	3/5/2015
1172203	Effect of Filler Concentration on Thermal Stability of Vinyl Copolymer Elastomer (VCE) Composites	Yang, Dali [Los Alamos National Laboratory]; Hubbard, Kevin Mark [Los Alamos National Laboratory]; Devlin, David James [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	3/6/2015
1172209	The Challenge of Science Communication	Lopez, Lorraine Bonds [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/9/2015
1172201	DIORAMA Earth Terrain Model	Werley, Kenneth Alan [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/10/2015
1172824	Coefficient of Thermal Expansion of Pressed PETN Pellets	Thompson, Darla Graff [Los Alamos National Laboratory]; DeLuca, Racci [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/11/2015
1172825	Ultrafast Probes for Dirac Materials	Yarotski, Dmitry Anatolievitch [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2015
1172826	NCSP Nuclear Data Advisory Group (NDAG) Report	Kahler, Albert Comstock III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2015
1172865	NIF ReShock/Shear Photometrics Design Considerations	Flippo, Kirk Adler [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2015
1172866	BRD usability requirements	Deshpande, Alina [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2015
1172867	Anisotropy in the Ratchet Growth of PBX 9502	Schwarz, Ricardo Blum [Los Alamos National Laboratory]; Liu, Cheng [Los Alamos National Laboratory]; Thompson, Darla Graff [Los Alamos	TR	LANL	Los Alamos National Laboratory (LAN	3/12/2015
1172828	Resilient Power Systems	Bent, Russell Whitford [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LAN	3/13/2015

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1172869	Data Breach Preparation	Belangia, David Warren [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/13/2015
1172830	Criticality Data Testing with CIELO Candidate Evaluations	Kahler, Albert Comstock III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2015
1172831	Fiscal Year 2015 Site Sustainability Plan	Witt, Monica Rene [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2015
1172832	Nb coated graphite part	Usov, Igor Olegovich [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2015
1172833	Muon tomography at LANL	Guardincerri, Elena [Los Alamos National Laboratory]; Morris, Christopher [Los Alamos National Laboratory]; Durham, J. Matthew [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2015
1172834	Performance Analysis Tools Allinea MAP: Use & Functionality	Nam, Hai Ah [Los Alamos National Laboratory]; Green, Jennifer Kathleen [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2015
1209322	Quantum fluctuation theorems in open systems	Deffner, Sebastian [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2015
1209318	Data Mining Techniques to Estimate Plutonium, Initial Enrichment, Burnup, and Cooling Time in Spent Fuel Assemblies	Trellue, Holly Renee [Los Alamos National Laboratory]; Fugate, Michael Lynn [Los Alamos National Laboratory]; Tobin, Stephen Joseph [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2015
1209321	MaRIE 1.0 -- The Matter-Radiation Interactions in Extremes Project: Accelerating Qualification, Certification, and Assessment	Barnes, Cris William [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/20/2015
1209281	Studying converging shock collisions in novel hybrid-drive shock ignition geometries	Loomis, Eric Nicholas [Los Alamos National Laboratory]; Dodd, Evan S. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2015
1177178	Ultracold Neutrons. Fundamental physics and more	Broussard, Leah Jacklyn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2015
1179067	Enabling and Supporting HPC	Santos, Ben V. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179068	HPC Storage Systems Capabilities	Rheinheimer, Randal E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179070	Depleted Uranium Components for DUSTER Phase 2	Cox, Bradley [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179071	National Security Education Center Overview	Hurd, Alan J. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179073	Analyzing Multi-component Molecular Mixtures	Meyer, Edmund Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2015
1179074	Graphene	O'Leary, Timothy Sean [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/29/2015
1179061	RF Linac Driven X-ray FEL	Nguyen, Dinh Cong [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2015
1179063	Plutonium Oxidation A chronological Perspective 1941-2003	Stakebake, Jerry L. [MET-2]; Allen, Thomas Howard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2015
1179059	Business Case Analysis of Prototype Fabrication Division Recapitalization Plan	Booth, Steven Richard [Los Alamos National Laboratory]; Benson, Faith Ann [Los Alamos National Laboratory]; Dinehart, Timothy Grant [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1172208	Two-Dimensional Correlation Method for Polymer Analysis	Herman, Matthew Joseph [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	6/8/2015
1196176	HPC Operations and Monitoring	Mason, Michael A. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/16/2015
1196181	Neutrinos, antineutrinos and the question: Why are we here?	Elliott, Steven Ray [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/20/2015
1207744	Azimuthal Sampling of Tectonic Release from Rayleigh Waves, Triggered by Shallow Explosions from the Source Physics Experiment: Theory	Carmichael, Joshua Daniel [Los Alamos National Laboratory]; Snelson-Gerlicher, Catherine Mary [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/29/2015
1186054	The Relative, Correlation Based Magnitude Detection Capability at the North Korean Test Site using an IMS Array	Carmichael, Joshua Daniel [Los Alamos National Laboratory]; Hartse, Hans Edward [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2015
1207759	Device Experimental Data: Polymer Nanowire Sensor Array for Subsurface CO2 Monitoring: Phase 2:Final	Romero, Christopher Jesse [Los Alamos National Laboratory]; Broscha, Eric Lanich [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2015
1207760	Modeling and Analysis of the BUK/BES-5 Fast Reactor Using MCNP	Whitman, Nicholas Hunter [Los Alamos National Laboratory]; Poston, David Irvin [Los Alamos National Laboratory]; McClure, Patrick Ray [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/30/2015
1188170	Moisture Monitoring at Area G, Technical Area 54, Los Alamos National Laboratory	Levitt, Daniel G. [Neptune and Company Inc.]; Birdsell, Kay Hanson [Los Alamos National Laboratory]; Jennings, Terry L. [PE/Q Energy, Inc.]	TR	LANL	Los Alamos National Laboratory (LANL)	8/7/2015
1209458	PyFLOTRAN A Graphical User Interface	Islam, MD Raqibul [Los Alamos National Laboratory]; Karra, Satish [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/11/2015

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1177521	Comparison of Deposition <sup>®</sup> software predictions to published experimental results for large (152 mm by 152 mm) square ducts	Moore, Murray E. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/14/2015
1209459	The EPRDATA Format: A Dialogue	Hughes, Henry Grady III [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/18/2015
1186047	Introduction to InfiniBand	Coulter, Susan K. [Los Alamos National Laboratory]; Martinez, Jesse Edward [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1214622	A Calibration to Predict the Concentrations of Impurities in Plutonium Oxide by Prompt Gamma Analysis Revision 2	Narlesky, Joshua Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/10/2015
1223759	Simulator for SUPO, a Benchmark Aqueous Homogeneous Reactor (AHR)	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Determan, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/14/2015
1225594	Threatened and Endangered Species Habitat Management Plan for Los Alamos National Laboratory	Keller, David Charles [Los Alamos National Laboratory]; Hathcock, Charles Dean [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/17/2015
1233240	User Guide for the Air Force Nuclear Weapons Center Dust Cloud Calculator Version 1.0	St Ledger, John W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	12/18/2015
1167484	Rayleigh-Taylor-instability evolution in colliding-plasma-jet experiments with magnetic and viscous stabilization	Adams, Colin Stuart [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of New Mexico, Albuquerque, NM (United States)]; Dvijotham, Krishnamurthy [California Inst. of Technology (CalTech), Pasadena, CA (United States)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2015
1168707	Convexity of Energy-Like Functions: Theoretical Results and Applications to Power System Operations	Dvijotham, Krishnamurthy [California Inst. of Technology (CalTech), Pasadena, CA (United States)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/22/2015
1168704	Elastic-Waveform Inversion with Compressive Sensing for Sparse Seismic Data	Lin, Youzuo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Huang, Lianjie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/26/2015
1169146	Draft Test Plan for Brine Migration Experimental Studies in Run-of-Mine Salt Backfill	Jordan, Amy B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stauffer, Philip H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/2/2015
1169159	The Radical Pair Mechanism and the Avian Chemical Compass: Quantum Coherence and Entanglement	Zhang, Yiteng [Purdue Univ., West Lafayette, IN (United States)]; Kais, Sabre [Purdue Univ., West Lafayette, IN (United States)]; Berman, Gennady [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/2/2015
1170262	Classic Nuclear Fuel Reprocessing Flowsheet	Fallgren, Andrew James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2015
1170265	Structure Learning and Statistical Estimation in Distribution Networks - Part II	Deka, Deepjyoti [Univ. of Texas, Austin, TX (United States)]; Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2015
1170267	Structure Learning and Statistical Estimation in Distribution Networks - Part I	Deka, Deepjyoti [Univ. of Texas, Austin, TX (United States)]; Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/13/2015
1170692	LANL's Role in the U.S. Fissile Material Disposition Program	Whitworth, Julia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kay, Virginia [NA-2331]	TR	LANL	Los Alamos National Laboratory (LANL)	2/18/2015
1170636	Using LGI experiments to achieve better understanding of pedestal-edge coupling in NSTX-U	Wang, Zhehui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/23/2015
1170704	Confidence in Numerical Simulations	Hemez, Francois M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/23/2015
1170705	Define and Quantify the Physics of Air Flow, Pressure Drop and Aerosol Collection in Nuclear Grade HEPA Filters	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/23/2015
1170709	MaRIE 1.0: A briefing to Katherine Richardson-McDaniel, Staff Member for U. S. Senator Martin Heinrich (D-NM)	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	2/24/2015
1172205	Exploring Alternative Non-contact temperature measurements for <sup>99</sup> Mo production facility NorthStar FY14 Activity 5, Deliverable 2	Holloway, Michael Andrew [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/4/2015
1209224	Data Mining Techniques to Estimate Plutonium, Initial Enrichment, Burnup, and Cooling Time in Spent Fuel Assemblies	Trellue, Holly Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fugate, Michael Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/19/2015
1177169	Fiscal Year 2013 Trails Management Program Mitigation Action Plan Annual Report, October 2013	Pava, Daniel S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2015
1177184	STIP-V Inspection Report	Saleh, Tarik A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Quintana, Matthew Estevan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2015
1177172	BSV Gateway Description	Deshpande, Alina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/26/2015
1177163	Lightning Talks 2014:Theoretical Division	Redondo, Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2015
1177173	Dynamic X-ray of Thermal Explosions	Smilowitz, Laura Beth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henson, Bryan Fayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/27/2015
1177166	Influence of sweeping detonation-wave loading on damage evolution during spallation loading of tantalum in both a planar and curved geometry	Gray, George Thompson III [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hull, Lawrence Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2015
1177167	Differential Die-Away Instrument: Report on Benchmark Measurements and Comparison with Simulation for the Effects of Neutron Poisons	Goodsell, Alison Victoria [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Swincoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2015

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1177179	Roadmap to MaRIE March 2015	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2015
1177180	Water Cooled Mirror Design	Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schulze, Martin E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2015
1177181	Returning the DARHT Axis-II Linear Induction Accelerator	Ekdahl, Carl August Jr. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schulze, Martin E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2015
1177182	Experimental Physical Sciences Vitae 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Del Mauro, Diana [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2015
1177523	MPA Materials Matter March 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/31/2015
1177525	Multi-scale Characterization of Improved Algae Strains	Dale, Taraka T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2015
1177527	MST e-News March 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2015
1177996	Characterization and testing of crystalline ceramic waste forms	Tang, Ming [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2015
1177998	Thermophysical property measurement and characterization of glass ceramic waste forms	Tang, Ming [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2015
1177520	Chemical Reactivity and Recommended Remediation Strategy for Los Alamos Remediated Nitrate Salt (RNS) Wastes	Clark, David Lewis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2015
1177537	KIVA	Carrington, David Bradley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2015
1177538	Technical Summary of MIS Studies of Cl Transport and Reactivity	Rios, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/2/2015
1177519	Ten-Year Site Plan FY 2016	Honig, Kristen Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/3/2015
1177535	Velocimetry from details to the big picture and back	Briggs, Matthew E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/6/2015
1177528	Summary of New Los Alamos National Laboratory Groundwater Data Loaded in July 2012	Paris, Steven M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177529	Los Alamos National Laboratory Permit Modification Request for Technical Area 63 Transuranic Waste Facility Hazardous Waste Container Storage Unit, Revision 3	None	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177530	Response to Notice of Disapproval TA-63 Transuranic Waste Facility Permit Modification Request, Rev. 2, Los Alamos National Laboratory	Bacigalupa, Gian A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177531	Notification of General Class 1 Permit Modification for the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID # NM0890010515	Diaz, Tammy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177532	Request for a Class 1 Permit Modification to the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID No. NM0890010515	Diaz, Tammy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; English, Charles J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177533	Request for a Class 1 Permit Modification to the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, Attachment K EPA ID No. NM0890010515	Diaz, Tammy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177534	Notification of Class 1 Permit Modification to Attachment B, Part A Application for the Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID # NM0890010515	Martinez, Angela M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vigil-Holterman, Luciana R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/7/2015
1177979	(U) Implementation and demonstration of a time-resolved pyrometry/spectroscopy capability in shock compression experiments on metal oxide powders	Goodwin, Peter Marvin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, Jr., John Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2015
1177980	A Two-Fluid Study of Oblique Tearing Modes and 3-D Magnetic Reconnection	Akcaay, Cihan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Daughton, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2015
1177981	Temperature-based Instanton Analysis: Identifying Vulnerability in Transmission Networks	Kersulis, Jonas [Univ. of Michigan, Ann Arbor, MI (United States)]; Hiskens, Ian [Univ. of Michigan, Ann Arbor, MI (United States)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2015
1177982	MCNP 2020	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2015
1177983	MCNP 2020 - White Paper - Preparing LANL Monte Carlo for Exascale Computer Systems	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kiedrowski, Brian Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/8/2015
1177976	Audits Made Simple	Belangia, David Warren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2015
1177977	Enhancing Situational Awareness for Infectious Disease Surveillance	Daughton, Ashlynn Rae [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Deshpande, Alina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/9/2015
1177987	Stability of Fissile Solution Systems	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2015



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1177988	Annual Report on the Activities and Publications of the DHS-DNDO-NTNFC Sponsored Post-doctoral Fellow at Los Alamos National Laboratory	Rim, Jung Ho [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Actinide Analytical Chemistry Group]; Tandon, Lav [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	4/10/2015
1177986	Stand-Alone Dynamic System Simulation of a Fissile Solution System	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Determan, John C. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Laboratory (LANL)	4/13/2015
1177991	Insider Threat Case Studies at Radiological and Nuclear Facilities	Pope, Noah Gale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hobbs, Christopher [Centre for Science and Security	TR	LANL	Los Alamos National Laboratory (LANL)	4/13/2015
1177992	RD 2015 Profile	Mercer-Smith, Janet Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2015
1177993	LANL12-RS-107J PYTHON Radiography Analysis Tool (PyRAT). Mid-Year Deliverable Report for FY15	Temple, Brian Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Armstrong, Jerawan Chudoung [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2015
1177994	Metrology in Introductory Statistics Courses	Casleton, Emily Michele [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Genschel, Ulrike [Iowa State Univ., Ames, IA (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2015
1177995	Emission growth in the DARHT Axis-II Downstream Transport	Ekdahl, Jr., Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schulze, Martin E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2015
1178320	Structure determination with weak anomalous signal	Terwilliger, Thomas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hung, Li-Wei [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2015
1178317	2012 Update to the Site Discharge Pollution Prevention Plan, Revision 1 Los Alamos National Laboratory NPDES Permit No. NM0030759, May 1, 2013 Sandia/Mortandad	Veenis, Steven J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2015
1178318	2012 Update to the SDDPP, Rev. 1 Los Alamos/Pueblo Watershed, Vol. 1	Veenis, Steven J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2015
1178319	2012 Update to the Site Discharge Pollution Prevention Plan, Revision 1 Los Alamos National Laboratory NPDES Permit No. NM0030759 LA-UR-13-22770 May 1, 2013	Veenis, Steven J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2015
1178323	Applying fast calorimetry on a spent nuclear fuel calorimeter	Liljenfeldt, Henrik [Swedish Nuclear Fuel and Waste Management (Sweden); Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Uppsala	TR	LANL	Los Alamos National Laboratory (LANL)	4/15/2015
1178304	The Climate at Los Alamos; Are we measurement changes?	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2015
1178306	Modifying mixing and instability growth in the OMEGA counter-propagating shear campaign	Merritt, Elizabeth Catherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2015
1178308	Los Alamos Canyon Bridge Inspection (2015)	Rodarte-Romero, Crystal Jalynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/16/2015
1178309	Damaging HMX/HTPB formulations: In-situ compression imaging using X-ray micro computed tomography	Patterson, Brian M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cordes, Nikolaus Lynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/17/2015
1178313	In-field Calibration of a Fast Neutron Collar for the Measurement of Fresh PWR Fuel Assemblies	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; De Baere, Paul [European Commission (Luxembourg). Euratom	TR	LANL	Los Alamos National Laboratory (LANL)	4/17/2015
1178310	Damaged Surface Hydrodynamics (DSH) Flash Report	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/20/2015
1178315	SHMTools: Structural Health Monitoring Software for Aerospace, Civil, and Mechanical Infrastructure	Harvey, Dustin Yewell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Flynn, Eric Brian [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Laboratory (LANL)	4/20/2015
1178316	Casting Process Modeling and Validation	Ranjan, Rakesh [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Laboratory (LANL)	4/20/2015
1178311	HPC Test Results Analysis with Splunk	Green, Jennifer Kathleen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/21/2015
1178727	Modular Pumped Hydro Energy Storage Feasibility Study for the Village of Chama, New Mexico	Bibeault, Mark Leonide [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/21/2015
1178728	Los Alamos National Laboratory Modular Pumped Hydro Feasibility Study for Santa Fe Community College	Bibeault, Mark Leonide [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/21/2015
1178726	Technology Implementation Plan Accident Tolerant Fuel Mo and MoLa Alloy Cladding for Light Water Reactor Application	Serrano de Caro, Magdalena [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cheng, Bo [Electric Power Research Institute (EPRI).	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2015
1178729	National Security Education Center	Hurd, Alan J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/22/2015
1178716	Superradiance Transition and Nonphotochemical Quenching in Photosynthetic Complexes	Berman, Gennady Petrovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nesterov, Alexander [Universidad de Guadalajara,	TR	LANL	Los Alamos National Laboratory (LANL)	4/23/2015
1177522	SAVY 4000 Container Filter Design Life and Extension Implementation	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reeves, Kirk Patrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2015
1178717	A new efficient approach for 3D hydrodynamics simulation	Waltz, Jacob I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/24/2015
1178718	Weapon Systems Engineering Material Database Requirements	Schembri, Philip Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/27/2015

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1178719	Layer of Protection Analysis for SIL Determination of the SCRAM System	Strelow, James M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/27/2015
1178720	Los Alamos Canyon Bridge Upgrades Project	Rodarte-Romero, Crystal Jalynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/27/2015
1178722	An Electron Beam Test Facility (EBTF) for TA-53	Garnett, Robert William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/27/2015
1178723	Zero Degree Line Mo Target Thermal Test Results and Analysis	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179064	HPC National Network Capabilities	Fields, Parks M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179065	HPC Visualization	Monroe, Laura Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/28/2015
1179050	Water Resistant Container Technical Basis Document for the TA-55 Criticality Safety Program	Smith, Paul Herrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Teague, Jonathan Gayle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179053	Condensed-Matter Injection Technologies for Magnetic Fusion	Wang, Zhehui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179054	PBX Strength and Binder Properties	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179055	SESAME Equations of State for "Epoxy"	Coe, Joshua Damon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179056	Business Case Analysis of Prototype Fabrication Division Recapitalization Plan. Summary	Booth, Steven Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Benson, Faith Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179057	MCNP6 Criticality Calculations Verification and Validation Report	Sartor, Raymond Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Greenfield, Bryce Aaron [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/30/2015
1179043	A Methodology for Calculating Radiation Signatures	Klasky, Marc Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wilcox, Trevor [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2015
1179044	PTW modeling in xRage	Long, Christopher Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rauenzahn, Rick M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2015
1179062	BHR equations re-derived with immiscible particle effects	Schwarzkopf, John Dennis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Horwitz, Jeremy A. [Stanford Univ., CA (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/1/2015
1179047	ERM 593_Guidance for Reviewing and Approving a Waste Stream Profile in the Waste Compliance and Tracking System PPT Final 05-05-2015	Elicio, Andy U. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2015
1179048	ERM 593 Applied Project_Guidance for Reviewing and Approving a Waste Stream Profile in the Waste Compliance and Tracking System Final 05-05-15	Elicio, Andy U. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2015
1179049	Weighted Decision Analysis for TA-55 Reinvestment Project Phase III Alternative Studies	Dinehart, Timothy Grant [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2015
1179263	SEO-1 Training Brochure	Johansen, Christopher Antares [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2015
1179258	2014 Year in Review Center for Nonlinear Studies	Vigil, Elissa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2015
1179259	Actinide High-Nitrogen Chemistry	Browne, Kevin Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/6/2015
1179260	Finite Elements and Isogeometric Analysis: From Shock Physics to Fluid-Structure Interaction	Long, Christopher Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Shashkov, Mikhail Jurievich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/7/2015
1179835	Trails Management at LANL - A Presentation to the Los Alamos County Parks and Recreation Board	Pava, Daniel Seth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/12/2015
1179836	Skyrmions, Merons & Monopoles. Topological Excitations in Chiral Magnets	Saxena, Avadh [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2015
1179837	Fire Hazard Analysis of Technical Area 53 Building 1	Noakes, Brett L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2015
1179838	(U) PAGOSA Sample Problems. Spall and Damage	Weseloh, Wayne N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clancy, Sean Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/13/2015
1179839	Sound, Vibration, Resonance, and Sonic Wonders	Anderson, Brian Eric [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179840	Multi-functional carbon nanomaterials: Tailoring morphology for multidisciplinary applications	Dervishi, Enkeleda [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179842	XPS and IR Characterization of Ultra-High Molecular Weight Polyethylene	Kelly, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Longhair, April Dawn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015

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1179843	The MAJORANA Project, a status report	Elliott, Steven Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179844	PBX 9502 Compressive Strength after Ratchet Growth. Correlation with Density and Not with Details of Thermal Profile	Thompson, Darla Graff [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; DeLuca, Racci [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179846	Status of LANL Efforts to Effectively Use Sequoia	Nystrom, William David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179847	Instrumentation Set Points	Lynn, Alexander Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1179848	Ti Hemi boombox experiment	Miller, Phillip Isaac [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hull, Lawrence Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/14/2015
1182612	Roadmap to MaRIE May 2015	Barnes, Cris William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/19/2015
1182613	Lustre on diskless servers using ZFS pools as targets	Croonenberg, Ronald Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/19/2015
1182614	MS4 & IP Connection - PowerPoint Presentation	Lemke, Terrill W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1182615	Environmental Data Flow Six Sigma Process Improvement Savings Overview	Paige, Karen S [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1182616	ARIA Cell Solenoid Design Considerations	Schulze, Martin E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1182617	Physics constraints on double-pulse LIA engineering	Ekdahl, Carl August Jr. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1182618	Progress of the LANL Low Temperature/Low Frequency Air Opacity Project - Optical Theory for HET-project: an update, April 2015	Timmermans, Eddy Marcel Elvire [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nisoli, Cristiano [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1182619	The Role of Scale and Model Bias in ADAPT's Photospheric Estimation	Godinez Vazquez, Humberto C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hickmann, Kyle Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/20/2015
1179046	Calculations in Support of JAEA ZEUS Experiments	James, Michael R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/21/2015
1178314	Field Evaluation of the Restorative Capacity of the Aquifer Downgradient of a Uranium In-Situ Recovery Mining Site	Reimus, Paul William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/22/2015
1182611	Optical Microscopy Characterization for Borehole U-15n#12 in Support of NCNS Source Physics Experiment	Wilson, Jennifer E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sussman, Aviva Joy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/22/2015
1182623	Select Generic Dry-Storage Pilot Plant Design for Safeguards and Security by Design (SSBD) per Used Fuel Campaign	Demuth, Scott Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sprinkle, James K. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/26/2015
1182625	Analytical and Radiochemistry for Nuclear Forensics	Steiner, Robert Ernest [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dry, Donald E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/26/2015
1182626	DREAM3D simulations of inner-belt dynamics	Cunningham, Gregory Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/26/2015
1182627	Extending the radial diffusion model of Falthammar to non-dipole background field	Cunningham, Gregory Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/26/2015
1178312	Multiphase SESAME equation of state 4295 for Stainless Steel AM363	De Lorenzi-Venneri, Giulia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/27/2015
1183404	Preshot Calculations for a Small-Scale HE Experiment. Overview and Results for Symmetric Configurations	Holmes, Richard L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/27/2015
1183391	Whisper Source Code Inspection Report	Sartor, Raymond Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2015
1183398	Whisper Program Suite Validation and Verification Report	Sartor, Raymond Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/28/2015
1183387	2015 Los Alamos Business Recycler of the Year nomination	Salzman, Sonja L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Montalvo, Maryrose L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015
1183390	LANL Experience Rolling Zr-Clad LEU-10Mo Foils for AFIP-7	Hammon, Duncan L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clarke, Kester D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015
1183392	WCATS Overview & Demo	Russell, IV, Keith Connett [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015
1183394	Lecture notes for MHD course given Spring 2015	Finn, John McMaster [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015
1183395	GENXS Expansion to Include Fragment Spectra of Heavy Ions	Kerby, Leslie Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mashnik, Stepan Georgievich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015

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1183396	Microstructural Effects on Void Nucleation in Single-Phase Copper Polycrystals	Lieberman, Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lebensohn, Ricardo A. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	5/29/2015
1183388	Institutional Computing Slides on	Fryer, Christopher Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/1/2015
1183401	Trident ablative RM strength data summary	Loomis, Eric Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Peralta, Pedro [Arizona State Univ., Mesa, AZ (United	TR	LANL	Los Alamos National Laboratory (LANL)	6/1/2015
1183400	Production of Thin Walled Mo Tubing using FBCVD	Usov, Igor Olegovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2015
1183402	Partial gamma-ray cross section measurements in <sup>109</sup> Ag(n, x n γ p gamma) reactions	Fotiadis, Nikolaos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Devlin, Matthew James [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2015
1183403	Summary of Results from First Experiment on Multi-Crystal Titanium Sample	Rigg, Paulo A. [Washington State Univ., Pullman, WA (United States)]; Cerreta, Ellen Kathleen [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2015
1183963	Multiscale materials modeling at Los Alamos	Redondo, Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/2/2015
1183951	Funding source for Alessandro Cattaneo during his postdoc appointment at the Los Alamos National Laboratory (LANL)	Cattaneo, Alessandro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/4/2015
1183955	Mass and Density Relationships	Klasky, Marc Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sanzo, Dean Lawrence [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	6/5/2015
1183952	CS676 Real Time Systems Magnus Technology R&D Real Time Systems	Nielsen, Roy S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/8/2015
1183956	Understanding Proton Spin Structure via the Dynamics of its Sea Quarks	Kleinjan, David William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/8/2015
1183957	MPA Materials Matter June 2015	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/8/2015
1183958	My Spring with Graphene	O'Leary, Timothy Sean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/8/2015
1183961	Updating LANL's Ambient Air Monitoring Network (Airnet)	Fuehne, David Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Allen, Shannon Purdue [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	6/9/2015
1193630	Progress Report for IC Project: w14_planetdiskasymmetry	Li, Shengtai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	7/10/2015
1196198	KiloPower Project - KRUSTY Experiment Nuclear Design	Poston, David Irvin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Godfroy, Thomas [NASA Marshall Space Flight Center (MSFC),	TR	LANL	Los Alamos National Laboratory (LANL)	7/20/2015
1209468	SURF: HE burn model	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/4/2015
1209470	Synthesis of Selenium- and Tellurium-Containing Tryptophan Analogs for the Elucidation of Protein Structure and Function	Hatch, Duane M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2015
1209475	Annual IC Report 2015 -w14_qjets	Graesser, Michael Lawrence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Roy, Tuhin [Tata Inst. of Fundamental Research, Bombay	TR	LANL	Los Alamos National Laboratory (LANL)	8/5/2015
1209466	The Water Maser in II Zw 96: Scientific Justification	Wiggins, Brandon Kerry [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/6/2015
1213513	Nuclear data's hidden dysfunction: Applications don't actually depend on structure, do they	White, Morgan Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/25/2015
1213514	Business case analysis for in-vessel composting at the TA-46 SWWS facility	Dinehart, Timothy Grant [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/25/2015
1213515	FTIR analysis of X-ray irradiated Parylene-C using 2D correlation spectroscopy	Herman, Matthew Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/25/2015
1213508	Novel carbon materials for electronic devices fabrication	Zhou, Ming [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2015
1213509	Comments on "energy weight" in Monte Carlo thermal radiative transfer calculations	Booth, Thomas E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2015
1213510	Monolithic fuel foil processing	Clarke, Kester Diederik [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2015
1213512	L2 milestone review	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Womeldorf, Geoffrey Alan [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	8/27/2015
1213498	Multi-sector general permit annual industrial storm water training for TA54 areas G, L, RANT, and the maintenance facility west	Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schrock, David Edward [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2015
1213499	Nuclear component operations division employee handbook	Romero, Barbara Jane [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Martinez, Amanda [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	8/28/2015

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1213500	An analytic benchmark for free-gas scattering	Gonzales, Matthew Alejandro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/31/2015
1213517	On-the-fly nuclear data processing methods for Monte Carlo simulations of fast spectrum systems	Walsh, Jon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/31/2015
1213518	Nuclear forensics: Soil content	Beebe, Meryl Amy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/31/2015
1213519	Stellar averaged cross sections	Seunarine, Alyssa A. [Hampton Univ., Hampton, VA (United States)]; Lee, Amy Sarah [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/31/2015
1213520	(U) Feynman-Y calculations using PARTISN	Favorite, Jeffrey A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	8/31/2015
1213501	Analytical chemistry and materials characterization results for debris recovered from four nitrate salt waste drums	Martinez, Patrick Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Chamberlin, Rebecca M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1213503	A gas-loading system for LANL two-stage gas guns	Gibson, Lloyd Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bartram, Brian Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1213505	Dragonball MiniGRAND user manual	Parker, Robert Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1213506	Fixed energy, response function analysis with multiple efficiencies (FRAM) tutorial	Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1214141	Met and the ADESH operations integration office	McKown, Bradford Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2015
1214142	Wind loading analysis of the EdotX rooftop sensor	Ho, Cheng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hill, Dallas Dwight [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/2/2015
1214143	Using SDI-12 with ST microelectronics MCU's	Saari, Alexandra [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hinzey, Shawn Adrian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/3/2015
1214144	Preliminary heavy ion results on the Zynq ARM	Quinn, Heather Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/4/2015
1214138	Magnetic reconnection: A powerful cosmic accelerator	Guo, Fan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/8/2015
1214615	Computing NLTE Opacities -- Node Level Parallel <Z> Calculation	Holladay, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/11/2015
1215801	Evaluation of unmanned aerial vehicles for radiation detection	Miko, David K. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Desimone, David J. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/15/2015
1215802	UCX in a nutshell and comparison to libfabric	Pritchard Jr., Howard Porter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/15/2015
1215803	Options assessment report: Treatment of nitrate salt waste at Los Alamos National Laboratory	Robinson, Bruce Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stevens, Patrice Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2015
1215804	Imaging Brunelleschi's cupola wall using muon scattering radiography	Guardincerri, Elena [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2015
1215805	Mass transport properties of Pu/DT mixtures from orbital free molecular dynamics simulations	Kress, Joel David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ticknor, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2015
1215806	Fiber Bragg Grating validation tests to measure high-strain rates at elevated temperatures	Cox, Bradley [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2015
1215807	Gamma ray spectroscopy for fusion and basic science research	McEvoy, Aaron Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/16/2015
1215800	LANL12-RS-107J PYTHON radiography analysis tool final report for FY15	Temple, Brian Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Armstrong, Jerawan Chudoung [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2015
1215808	A novel laser-driven neutron-beam source for national defense and basic science	Fernandez, Juan Carlos [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/17/2015
1215810	Challenges and opportunities in nuclear forensics support missions at Los Alamos National Laboratory	Tandon, Lav [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Doyle, Jamie [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215820	Engineering consequences of beam dynamics I: Beam breakup and corkscrew	Ekdahl, Jr., Carl August [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Nielsen, Kurt Efraim [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215821	The LANL C-NR counting room and fission product yields	Jackman, Kevin Richard [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215822	Accelerated aging studies	Hemphill, GERALYN M. Sewald [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Collins, Jr., David H. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215823	ARIES oxide production program legacy risk reduction project: Parts, supplies, and equipment assessment 2015 report	Stroud, Mary Ann [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015

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1215824	NMAC case studies: NMAC discovers leak of radioactive liquid at THORP, Sellafield Plant, UK	Pope, Noah Gale [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Hobbs, Christopher [King's College London (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215825	SESAME 7363: A new Li(6)D equation of state	Sheppard, Daniel Glen [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Kress, Joel David [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/21/2015
1215812	FY2015 ceramic fuels development annual highlights	McClellan, Kenneth James [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1215813	Novel techniques for image quality enhancement in ultrasound imaging tomography	Shin, Jun Seob [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1215814	Application of nonlinear ultrasonics to inspection of stainless steel for dry storage	Ulrich, Timothy James II [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Anderson, Brain E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1215815	Evaluation of PRZ in FLAG	Quirk, James J. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Meyer, Chad D. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1215816	Compression of the cinema database	Berres, Anne Sabine [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Ahrens, James Paul [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1215817	Brief overview of LANL support to the International Atomic Energy Agency	Santi, Peter Angelo [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/22/2015
1222692	HPRR.01.02. 01.02.04.10 integrated intelligent machining: FY15 final report	Summa, Deborah Ann [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/29/2015
1222670	Isolator fragmentation and explosive initiation tests	Dickson, Peter [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Rae, Philip John [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2015
1222693	Product equation of state for polysulfone	Ticknor, Christopher [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2015
1222694	The COHERENT Experiment at the Spallation Neutron Source	Elliott, Steven Ray [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2015
1222695	Using xRage to model heat flow for experiments to measure opacities in HED plasmas	Elgin, Laura E. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	9/30/2015
1222671	Average and effective Q-values for fission product average (n,2n) and (n,3n) reaction cross sections	Kawano, Toshihiko [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2015
1222672	Parallelization of walkabout using hybrid MPI and OpenMP approach	Manna, Soumi [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2015
1222673	LANL manufacturing science and engineering information session	Gonzales, Trent Gavin [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Gallegos, Iris R. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2015
1222696	Assessment of an oil filtration system for a helium circulation loop used for accelerator production of Mo-99	Rapp, Logan Madacey [Bradley Univ., Peoria, IL (United States)]; Anderson, Erik [Bradley Univ., Peoria, IL (United States)]; Pluhm, Jessica [Bradley Univ., Peoria, IL (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2015
1222697	Los Alamos offers participants hands-on experience with renewable energy technology	Kippen, Karen Elizabeth [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/1/2015
1222675	Cultural resources on the Pajarito Plateau	Payne, Jennifer E. [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222676	Reactor power for large displacement autonomous underwater vehicles	McClure, Patrick Ray [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]; Reid, Robert Stowers [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222677	Co-design at Los Alamos National Laboratory	Bergen, Benjamin Karl [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222678	Portable data parallel visualization algorithms with VTK-m	Lu, Kewei [The Ohio State Univ., Columbus, OH (United States)]; Canada, Curtis Vincent [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222679	Final presentation	Dutta, Soumya [The Ohio State Univ., Columbus, OH (United States)]; Los Alamos National Laboratory (LANL), Los Alamos, NM (United States); Canada, Curtis Vincent [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222682	Summer of storyboards	Shaikh, Uzma [Purdue Univ., West Lafayette, IN (United States)]; Canada, Curtis Vincent [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1222683	Summer of '15: An exit talk	Biswas, Ayan [Los Alamos National Laboratory (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	10/5/2015
1168764	Sustainable NREL - Site Sustainability Plan FY 2015	None, None	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2015
1168774	Deployment of Behind-The-Meter Energy Storage for Demand Charge Reduction	Neubauer, J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Simpson, M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2015
1168775	Measure Guideline: Three High Performance Mineral Fiber Insulation Board Retrofit Solutions	Neuhauser, Ken [Building Science Corporation, Westford, MA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2015
1168780	EPA RE-Powering America's Lands: Kansas City Municipal Farm Site â Biomass Power Analysis	Hunsberger, R. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Mosey, G. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2015

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1169215	Wind Energy R&D Collaboration between NIRE and NREL: Cooperative Research and Development Final Report, CRADA Number CRD-11-437	Moriarty, P. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169768	Advanced Power Electronics and Electric Motors Annual Report -- 2013	Narumanchi, S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bennion, K. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169773	Hydrogen Technologies Safety Guide	Rivkin, C. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Burgess, R. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169778	Reference Model 5 (RM5): Oscillating Surge Wave Energy Converter	Yu, Y. H. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jenne, D. S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169791	Chapter 17: Residential Behavior Protocol	Stewart, James [Cadmus Group, Waltham, MA (United States)]; Todd, Annika [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169792	Experimental Wave Tank Test for Reference Model 3 Floating-Point Absorber Wave Energy Converter Project	Yu, Y. H. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lawson, M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169793	Chapter 20: Data Center IT Efficiency Measures	Huang, Robert [Cadmus Group, Inc., Waltham, MA (United States)]; Masanet, Eric [Northwestern Univ., Evanston, IL (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1169794	2013 Survey of Non-Starch Ethanol and Renewable Hydrocarbon Biofuels Producers	Schwab, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Geiger, Jesse [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1170336	High Performance Walls in Hot-Dry Climates	Hoeschele, Marc [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Springer, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1170354	State-Level Comparison of Processes and Timelines for Distributed Photovoltaic Interconnection in the United States	Ardani, K. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Davidson, C. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	1/1/2015
1170350	Interaction of Unvented Attics With Living Space in Three Northeast Homes	Puttagunta, Steven [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]; Faakye, Omari [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/1/2015
1170351	Inverter Load Rejection Over-Voltage Testing: SolarCity CRADA Task 1a Final Report	Nelson, A. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hoke, A. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/1/2015
1170355	Hydrogen Energy Storage: Grid and Transportation Services (Technical Report)	Melaina, M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Eichman, J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/1/2015
1225903	Acoustic Noise Test Report for the U.S. Department of Energy 1.5-Megawatt Wind Turbine	Roadman, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Huskey, Arlinda [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	7/1/2015
1225470	Extended Plate and Beam Wall System: Concept Investigation and Initial Evaluation	Wiehagen, J. [Partnership for Home Innovation, Upper Marlboro, MD (United States)]; Kochkin, V. [Partnership for Home Innovation, Upper Marlboro, MD (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2015
1226156	Potential Cost-Effective Opportunities for Methane Emission Abatement	Warner, Ethan [Joint Inst. for Strategic Energy Analysis, Golden, CO (United States)]; Steinberg, Daniel [Joint Inst. for Strategic Energy Analysis, Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2015
1226158	Estimating U.S. Methane Emissions from the Natural Gas Supply Chain. Approaches, Uncertainties, Current Estimates, and Future Studies	Heath, Garvin [Joint Inst. for Strategic Energy Analysis, Golden, CO (United States)]; Warner, Ethan [Joint Inst. for Strategic Energy Analysis, Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2015
1225306	Photovoltaic System Pricing Trends. Historical, Recent, and Near-Term Projections, 2015 Edition	Feldman, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/25/2015
1225303	U.S. Photovoltaic Prices and Cost Breakdowns. Q1 2015 Benchmarks for Residential, Commercial, and Utility-Scale Systems	Chung, Donald [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Davidson, Carolyn [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225307	Impact of Rate Design Alternatives on Residential Solar Customer Bills. Increased Fixed Charges, Minimum Bills and Demand-based Rates	Bird, Lori [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Davidson, Carolyn [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225310	Consumer Views on Transportation and Advanced Vehicle Technologies	Singer, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225313	Relative Economic Merits of Storage and Combustion Turbines for Meeting Peak Capacity Requirements under Increased Penetration of Solar Photovoltaics	Denholm, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Diakov, Victor [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225314	Technoeconomic Modeling of Battery Energy Storage in SAM	DiOrto, Nicholas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dobos, Aron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225324	High Performance Slab-on-Grade Foundation Insulation Retrofits	Goldberg, Louise F. [NorthernSTAR, St. Paul, MN (United States)]; Mosiman, Garrett E. [NorthernSTAR, St. Paul, MN (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225327	Field Trial of an Aerosol-Based Enclosure Sealing Technology	Harrington, Curtis [Univ. of California, Davis, CA (United States)]; Springer, David [Univ. of California, Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225333	Decreasing Soft Costs for Solar Photovoltaics by Improving the Interconnection Process. A Case Study of Pacific Gas and Electric	Ardani, Kristen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225348	Photovoltaic Array Field Characterization Report. University of Toledo R1 Arrays	Silverman, Timothy J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; McNutt, Peter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225352	Industry Perspectives on Advanced Inverters for U.S. Solar Photovoltaic Systems. Grid Benefits, Deployment Challenges, and Emerging Solutions	Reiter, Emerson [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ardani, Kristen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225353	Broadband Outdoor Radiometer Calibration Process for the Atmospheric Radiation Measurement Program	Dooraghi, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015

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1225466	Integration, Validation, and Application of a PV Snow Coverage Model in SAM	Ryberg, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Freeman, Janine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225472	Strategies for Controlling Plug Loads. A Tool for Reducing Plug Loads in Commercial Buildings	Torcellini, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bonnema, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225476	Small Wind Site Assessment Guidelines	Olsen, Tim [Advanced Energy Systems LLC, Eugene, OR (United States)]; Preus, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225496	Field Testing Unvented Roofs with Asphalt Shingles in Cold and Hot-Humid Climates	Ueno, Kohta [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lstiburek, Joseph W. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225498	Systematic Approach to Better Understanding Integration Costs	Stark, Gregory B. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225499	The Flexible Solar Utility. Preparing for Solar's Impacts to Utility Planning and Operations	Sterling, John [Solar Electric Power Association (SEPA), Washington, DC (United States)]; Davidovich, Ted [Solar Electric Power Association]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225501	Low-cost Radon Reduction Pilot Study	Rose, William B. [Univ. of Illinois, Urbana-Champaign, IL (United States)]; Francisco, Paul W. [Univ. of Illinois, Urbana-Champaign, IL (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225502	American Fuel Cell Bus Project Evaluation. Second Report	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Post, Matthew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225506	2014-2015 Offshore Wind Technologies Market Report	Smith, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Stehly, Tyler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225515	Renewable Electricity Futures. Operational Analysis of the Western Interconnection at Very High Renewable Penetrations	Brinkman, Gregory [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225524	Policies to Spur Energy Access. Executive Summary; Volume 1, Engaging the Private Sector in Expanding Access to Electricity; Volume 2, Case Studies to Public-Private	Walters, Terri [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Rai, Neha [International Institute for Environment and Development]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225894	Water Impacts of High Solar PV Electricity Penetration	Macknick, Jordan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cohen, Stuart [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225896	Methodology for Clustering High-Resolution Spatiotemporal Solar Resource Data	Getman, Dan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lopez, Anthony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225899	Fort Carson Building 1860 Biomass Heating Analysis Report	Hunsberger, Randolph [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tomberlin, Gregg [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225914	Marine and Hydrokinetic Technology Development Risk Management Framework	Snowberg, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Weber, Jochem [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225917	Compensation for Distributed Solar. A Survey of Options to Preserve Stakeholder Value	Flores-Espino, Francisco [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225918	SubDyn User's Guide and Theory Manual	Damiani, Rick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jonkman, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225947	Republic of the Marshall Islands. Energy Project Development Options and Technical Assessment (2013)	Conrad, Misty Dawn [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Oils, Dan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1226159	Overview of the Biomass Scenario Model	Peterson, Steve [Lexidyne, LLC, Colorado Springs, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2015
1225900	Tall Tower Wind Energy Monitoring and Numerical Model Validation in Northern Nevada	Koracin, D. [Desert Research Inst. (DRI), Las Vegas, NV (United States)]; Kaplan, M. [Desert Research Inst. (DRI), Las Vegas, NV (United States)]; Smith, C. [Desert Research Inst. (DRI), Las Vegas, NV (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225920	Advancing System Flexibility for High Penetration Renewable Integration	Milligan, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Frew, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225925	2014 Cost of Wind Energy Review	Mone, Christopher [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Stehly, Tyler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225926	Nationwide Analysis of U.S. Commercial Building Solar Photovoltaic (PV) Breakeven Conditions	Davidson, Carolyn [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gagnon, Pieter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225927	Selecting Solar: Insights into Residential Photovoltaic (PV) Quote Variation	Davidson, Carolyn [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225932	Using Solar Hot Water to Address Piping Heat Losses in Multifamily Buildings	Springer, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Seitzler, Matt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225943	Electricity Capacity Expansion Modeling, Analysis, and Visualization. A Summary of High-Renewable Modeling Experience for China	Blair, Nate [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Zhou, Ella [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225963	Field Guide for Testing Existing Photovoltaic Systems for Ground Faults and Installing Equipment to Mitigate Fire Hazards	Brooks, William [Brooks Engineering, Vacaville, CA (United States)]; Basso, Thomas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225964	Evaluation of Hydrogen Sensors: Cooperative Research and Development Final Report, CRADA Number CRD-14-547	Buttner, William [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1225965	Development of Abrasion-Resistant Coating for Solar Reflective Films. Cooperative Research and Development Final Report, CRADA Number CRD-07-247	Gray, Matthew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015



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1225966	Economic and Performance Analysis of Gear Box Failures. Cooperative Research and Development Final Report, CRADA Number CRD-07-236	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1226153	Power Hardware-in-the-Loop-Based Anti-Islanding Evaluation and Demonstration	Schoder, Karl [Florida State Univ., Tallahassee, FL (United States). Ceter for Advanced Power Systems (CAPS)]; Langston, James [Florida State Univ., Tallahassee, FL (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1226165	Quantifying Interannual Variability for Photovoltaic Systems in PVWatts	Ryberg, David Severin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Freeman, Janine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1226166	Renewables-Friendly Grid Development Strategies. Experience in the United States, Potential Lessons for China	Hurlbut, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Zhou, Ella [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	10/1/2015
1226167	Overgeneration from Solar Energy in California. A Field Guide to the Duck Chart	Denholm, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; O'Connell, Matthew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1226239	Economic Analysis Case Studies of Battery Energy Storage with SAM	DiOrto, Nicholas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dobos, Aron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1226240	Developing a Natural Gas-Powered Bus Rapid Transit Service. A Case Study	Mitchell, George [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1227710	Initial Investigation into the Potential of CSP Industrial Process Heat for the Southwest United States	Kurup, Parthiv [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Turchi, Craig [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1227713	Parabolic Trough Collector Cost Update for the System Advisor Model (SAM)	Kurup, Parthiv [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Turchi, Craig S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1227955	Use of Low-Temperature Geothermal Energy for Desalination in the Western United States	Turchi, Craig S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Akar, Sertac [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1227956	The Potential for Renewable Energy Development to Benefit Restoration of the Salton Sea. Analysis of Technical and Market Potential	Gagne, Douglas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Haase, Scott [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1233204	Improving Power System Modeling. A Tool to Link Capacity Expansion and Production Cost Models	Diakov, Victor [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/1/2015
1227107	Opportunities and Challenges for Water and Wastewater Industries to Provide Exchangeable Services	Sparr, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hunsberger, Randolph [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	11/13/2015
1233144	Mobile Ocean Test Berth Support: Cooperative Research and Development Final Report, CRADA Number CRD-10-413	LiVecchi, Albert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	12/1/2015
1233147	Xylo-Oligosaccharide Process Development, Composition, and Techno-Economic Analysis. Cooperative Research and Development Final Report, CRADA Number CRD-12-483	Shekiri, Joe [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Elander, Richard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	12/1/2015
1233281	Robust Technique for Measuring and Simulating Silicon Wafer Quality Characteristics that Enable the Prediction of Solar Cell Electrical Performance of MEMC Silicon Wafer.	Sopori, Bhushan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	12/1/2015
1233478	Fuel Cell Buses in U.S. Transit Fleets: Current Status 2015	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Post, Matthew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	12/11/2015
1170335	Photovoltaic-Thermal New Technology Demonstration	Dean, Jesse [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; McNutt, Peter [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	1/1/2015
1170337	Thermostatic Radiator Valve Evaluation	Dentz, Jordan [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Ansell, Eric [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	1/1/2015
1170345	SWAY/NREL Collaboration on Offshore Wind System Testing and Analysis: Cooperative Research and Development Final Report, CRADA Number CRD-11-459	Robertson, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	2/1/2015
1170349	Field Guide for Testing Existing Photovoltaic Systems for Ground Faults and Installing Equipment to Mitigate Fire Hazards: November 2012 - October 2013	Brooks, William [Brooks Engineering, Vacaville, CA (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	2/1/2015
1171135	Power Systems of the Future: A 21st Century Power Partnership Thought Leadership Report	Zinaman, Owen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Miller, Mackay [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	2/1/2015
1214995	Review and Status of Wind Integration and Transmission in the United States. Key Issues and Lessons Learned	Milligan, M. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Kirby, B. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215005	Value of Solar. Program Design and Implementation Considerations	Taylor, Mike [Solar Electric Power Association, Washington, D.C. (United States)]; McLaren, Joyce [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215053	Field Testing of Compartmentalization Methods for Multifamily Construction	Ueno, K. [Building Science Corporation, Westford, MA (United States)]; Lstiburek, J. W. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215054	Solar Access to Public Capital (SAPC) Working Group: Best Practices in PV System Installation; Version 1.0, March 2015; Period of Performance, October 2014 - September 2015	Doyle, C. [IBTS and Dividend Solar, Austin, TX (United States). Dividend Solar]; Truitt, A. [Acuity Power Group, Denver, CO (United States)]; Inda, D. [Acuity Power Group, Denver, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215055	Solar Access Public Capital (SAPC) Working Group: Best Practices in PV Operations and Maintenance; Version 1.0, March 2015; Period of Performance, January 1, 2014 - February 28, 2015	Keating, T. J. [SunSpec Alliance, San Jose, CA (United States)]; Walker, A. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215078	Integration of Rooftop Photovoltaic Systems in St. Paul Ford Site's Redevelopment Plans	Olis, D. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Mosey, G. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015
1215080	NREL Energy Storage Projects. FY2014 Annual Report	Pesaran, Ahmad [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Ban, Chunmei [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	3/1/2015

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1215095	Economic Impact of Large-Scale Deployment of Offshore Marine and Hydrokinetic Technology in Oregon Coastal Counties	Jimenez, T. [Bureau of Ocean Energy Management (BOEM), Washington, DC (United States)]; Tegen, S. [Bureau of Ocean Energy Management (BOEM),	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215116	Apartment Compartmentalization With an Aerosol-Based Sealing Process	Maxwell, Sean [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]; Berger, David [Consortium for Advanced	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215126	Building a Business Case for Compressed Natural Gas in Fleet Applications	Mitchell, George [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215131	Updated Proposal for a Guide for Quality Management Systems for PV Manufacturing. Supplemental Requirements to ISO 9001-2008	Ramu, Govind [Sun Power, San Jose, CA (United States)]; Yamamichi, Masaaki [National Inst. of Advanced Industrial Science and Technology (AIST)];	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215136	Refrigeration Playbook. Heat Reclaim; Optimizing Heat Rejection and Refrigeration Heat Reclaim for Supermarket Energy Conservation	Reis, Chuck [CTA Architects Engineers, Boise, ID (United States)]; Nelson, Eric [CTA Architects Engineers, Boise, ID (United States)]; Armer, James	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215137	Energy-Efficient Supermarket Heating, Ventilation, and Air Conditioning in Humid Climates in the United States	Clark, J. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215140	Proven Energy-Saving Technologies for Commercial Properties. September 1, 2014 - December 15, 2014	Hackel, S. [Energy Center of Wisconsin, Madison, WI (United States)]; Kramer, J. [Energy Center of Wisconsin, Madison, WI (United States)]; Li, J.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215145	Refrigeration Playbook: Natural Refrigerants; Selecting and Designing Energy-Efficient Commercial Refrigeration Systems That Use Low Global Warming Potential	Nelson, Caleb [CTA Architects Engineers, Boise, ID (United States)]; Reis, Chuck [CTA Architects Engineers, Boise, ID (United States)]; Nelson, Eric	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215181	Winnebago Resource Study. Cooperative Research and Development Final Report, CRADA Number CRD-09-329	Jimenez, A. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Robichaud, R. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	3/1/2015
1215051	Wind Vision. A New Era for Wind Power in the United States (Executive Summary, Full Report, and Appendices); U.S. Department of Energy (DOE). NREL (National	None, None	TR	NREL	National Renewable Energy Laborato	3/2/2015
1215061	Renewable Energy, Photovoltaic Systems Near Airfields. Electromagnetic Interference	Deline, Chris [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Dann, Geoff [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	4/1/2015
1215011	Evaluation of Methods for Comparison of Spatiotemporal and Time Series Datasets	Getman, Dan [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	4/7/2015
1215167	Shared Solar. Current Landscape, Market Potential, and the Impact of Federal Securities Regulation	Feldman, David [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Brockway, Anna M. [U.S. Department of Energy,	TR	NREL	National Renewable Energy Laborato	4/7/2015
1215064	Cold Climate Foundation Retrofit Experimental Hygrothermal Performance. Cloquet Residential Research Facility Laboratory Results	Goldberg, Louise F. [NorthernSTAR, St. Paul, MN (United States)]; Harmon, Anna C. [NorthernSTAR, St. Paul, MN (United States)]	TR	NREL	National Renewable Energy Laborato	4/9/2015
1215066	Measure Guideline. Incorporating Thick Layers of Exterior Rigid Insulation on Walls	Lstiburek, Joseph [Building Science Corporation, Westford, MA (United States)]; Baker, Peter [Building Science Corporation, Westford, MA	TR	NREL	National Renewable Energy Laborato	4/9/2015
1215076	Exterior Insulation Implications for Heating and Cooling Systems in Cold Climates	Herk, Anastasia [IBACOS Inc., Pittsburgh, PA (United States)]; Poerschke, Andrew [IBACOS Inc., Pittsburgh, PA (United States)]	TR	NREL	National Renewable Energy Laborato	4/9/2015
1215165	Strategy Guideline. Proper Water Heater Selection	Hoeschele, M. [Alliance for Residential Building Innovation (ARBI), Davis, CA (United States)]; Springer, D. [Alliance for Residential Building	TR	NREL	National Renewable Energy Laborato	4/9/2015
1214985	Overview and Meteorological Validation of the Wind Integration National Dataset toolkit	Draxl, C. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Hodge, B. M. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	4/13/2015
1215081	Investigating Solutions to Wind Washing Issues in Two-Story Florida Homes, Phase 2	Withers, Charles R. [Florida Solar Energy Center, Cocoa, FL (United States)]; Kono, Jamie [Florida Solar Energy Center, Cocoa, FL (United States)]	TR	NREL	National Renewable Energy Laborato	4/13/2015
1215206	H2FIRST Hydrogen Contaminant Detector Task: Requirements Document and Market Survey	Terlip, Danny [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Ainscough, Chris [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	4/20/2015
1215215	H2FIRST Reference Station Design Task: Project Deliverable 2-2	Pratt, Joseph [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Terlip, Danny [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	4/20/2015
1215031	Design, Operation, and Controlled-Island Operation of the U.S. Department of Energy Solar Decathlon 2013 Microgrid	Kurnik, C. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Butt, R. S. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	4/22/2015
1215179	Modeling dynamic stall on wind turbine blades under rotationally augmented flow fields	Guntur, S. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Schreck, S. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	4/22/2015
1215010	Grid Integration and the Carrying Capacity of the U.S. Grid to Incorporate Variable Renewable Energy	Cochran, Jaquelin [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Denholm, Paul [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	4/23/2015
1215077	Controlling Methane Emissions in the Natural Gas Sector. A Review of Federal and State Regulatory Frameworks Governing Production, Gathering, Processing,	Paranhos, Elizabeth [Energy Innovation Partners, Seoul (South Korea)]; Kozak, Tracy G. [Energy Innovation Partners, Seoul (South Korea)]; Boyd,	TR	NREL	National Renewable Energy Laborato	4/23/2015
1215139	Quantification of the Potential Gross Economic Impacts of Five Methane Reduction Scenarios	Keyser, David [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Warner, Ethan [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	4/23/2015
1215187	Implications of Model Structure and Detail for Utility Planning. Scenario Case Studies using the Resource Planning Model	Mai, Trieu [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Barrows, Clayton [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	4/23/2015
1215028	Transformative Reduction of Transportation Greenhouse Gas Emissions. Opportunities for Change in Technologies and Systems	Vimmerstedt, Laura [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Brown, Austin [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	4/30/2015
1215142	Measure Guideline. Deep Energy Enclosure Retrofit for Interior Insulation of Masonry Walls	Musunuru, S. [Building Science Corporation, Westford, MA (United States)]; Pettit, B. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	National Renewable Energy Laborato	4/30/2015

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1215173	Pathways to Decarbonization. Natural Gas and Renewable Energy. Lessons Learned from Energy System Stakeholders	Pless, Jacquelyn [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Arent, Douglas J. [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	4/30/2015
1215211	Analysis of Installed Measures and Energy Savings for Single-Family Residential Better Buildings Projects	Heaney, M. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Polly, B. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	4/30/2015
1215246	Solar Power. Policy Overview and Good Practices	Cox, Sadie [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Walters, Terri [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/1/2015
1215046	Innovative Retrofit Insulation Strategies for Concrete Masonry Foundations	Huelman, P. [Univ. of Minnesota, St. Paul, MN (United States). NorthernSTAR Building America Partnership]; Goldberg, L. [Univ. of Minnesota, St.	TR	NREL	National Renewable Energy Laborato	5/6/2015
1215180	Community-Scale Attic Retrofit and Home Energy Upgrade Data Mining	Berman, M. [Alliance for Residential Building Innovation, Davis, CA (United States)]; Smith, P. [Alliance for Residential Building Innovation, Davis,	TR	NREL	National Renewable Energy Laborato	5/7/2015
1215240	NREL and Sandia National Laboratories (SNL) Support of Ocean Renewable Power Company's TidGen <sup>®</sup> ,c Power System Technology Readiness Advancement Initiative	LiVecchi, Al [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/7/2015
1215241	Solar Resource Measurements at FPL Energy - Equipment Only. Cooperative Research and Development Final Report, CRADA Number CRD-08-283	Dooraghi, Mike [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/7/2015
1215275	WindFloat Feasibility Study Support. Cooperative Research and Development Final Report, CRADA Number CRD-11-419	Sirnivass, Senu [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/7/2015
1215013	Multifamily Envelope Leakage Model	Faakye, Omari [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Griffiths, Dianne [Consortium for Advanced	TR	NREL	National Renewable Energy Laborato	5/8/2015
1215198	Hydrogen Financial Analysis Scenario Tool (H2FAST). Web Tool User's Manual	Bush, B. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Penev, M. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/11/2015
1215285	AIST-NREL Concentrator Photovoltaic (CPV) Demonstration. Cooperative Research and Development Final Report, CRADA Number CRD-10-402	Kurtz, Sarah [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/11/2015
1215154	EPA GHG Certification of Medium- and Heavy-Duty Vehicles: Development of Road Grade Profiles Representative of US Controlled Access Highways	Wood, Eric [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Duran, Adam [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/12/2015
1215284	Cooperation on Lidar for Improved Wind Turbine Performance. Cooperative Research and Development Final Report, CRADA Number CRD-13-521	Fleming, Paul [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/12/2015
1214986	Development Impact Assessment (DIA) Case Study. South Africa	Cox, Sadie [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Nawaz, Kathleen [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	5/19/2015
1215243	Summary of Market Opportunities for Electric Vehicles and Dispatchable Load in Electrolyzers	Denholm, Paul [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Eichman, Joshua [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	5/19/2015
1215245	Policies to Support Wind Power Deployment: Key Considerations and Good Practices	Cox, Sadie [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Tegen, Suzanne [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/19/2015
1215251	Low-Load Space Conditioning Needs Assessment	Puttagunta, Srikanth [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]	TR	NREL	National Renewable Energy Laborato	5/19/2015
1215112	Greenbelt Homes Pilot Program. Summary of Building Envelope Retrofits, Planned HVAC Equipment Upgrades, and Energy Savings	Wiehagen, J. [Home Innovation Research Labs, Marlboro, MD (United States)]; Del Bianco, M. [Home Innovation Research Labs, Marlboro, MD	TR	NREL	National Renewable Energy Laborato	5/22/2015
1215069	Status Report on Power System Transformation: A 21st Century Power Partnership Report	Miller, Mackay [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Martinot, Eric [Beijing Inst. of Technology (China)];	TR	NREL	National Renewable Energy Laborato	5/27/2015
1215177	Role of Smart Grids in Integrating Renewable Energy	Speer, B. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Miller, M. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/27/2015
1215213	SAM Photovoltaic Model Technical Reference	Gilman, P. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	5/27/2015
1215238	E15 and Infrastructure	Moriarty, K. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Yanowitz, J. [Ecoengineering, Inc., Sharonville, OH (United	TR	NREL	National Renewable Energy Laborato	5/27/2015
1215100	Case Study Analysis of U.S. Policy Solutions to Enable China New Energy Cities	Simon, J. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Tian, T. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/28/2015
1215186	Multi-Lab EV Smart Grid Integration Requirements Study. Providing Guidance on Technology Development and Demonstration	Markel, T. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Meintz, A. [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	5/28/2015
1215143	Measure Guideline. Deep Energy Enclosure Retrofit for Zero Energy Ready House Flat Roofs	Loomis, H. [Building Science Corporation, Westford, MA (United States)]; Pettit, B. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	National Renewable Energy Laborato	5/29/2015
1215266	Modeling and Analysis of Wholesale Electricity Market Design. Understanding the Missing Money Problem. December 2013 - January 2015	Papalexopoulos, A. [ECCO International, Inc., San Francisco, CA (United States)]; Hansen, C. [ECCO International, Inc., San Francisco, CA (United	TR	NREL	National Renewable Energy Laborato	5/31/2015
1215311	Optimization of Lattice Mismatched Heteroepitaxial Layers -- Equipment Only. Cooperative Research and Development Final Report, CRADA Number CRD-09-331	Friedman, D. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	6/1/2015
1215268	Validating Savings Claims of Cold Climate Zero Energy Ready Homes	Williamson, J. [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Puttagunta, S. [Consortium for Advanced Residential Buildings,	TR	NREL	National Renewable Energy Laborato	6/5/2015
1215097	Structural Testing of the Blade Reliability Collaborative Effect of Defect Wind Turbine Blades	Desmond, M. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Hughes, S. [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	6/8/2015

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1215033	Analytical Formulation for Sizing and Estimating the Dimensions and Weight of Wind Turbine Hub and Drivetrain Components	Guo, Y. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Parsons, T. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/9/2015
1215122	Gearbox Reliability Collaborative Phase 3 Gearbox 2 Test Report	Keller, Jonathan [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Wallen, Robb [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/10/2015
1215000	Data Collection, Testing, and Analysis of Hybrid Electric Trucks and Buses Operating in California Fleets. Final Report	Thornton, Matthew [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Duran, Adam [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/12/2015
1215189	Relevant Studies for NERC's Analysis of EPA's Clean Power Plan 111 (d) Compliance	Ahlstrom, Mark [WindLogics, St. Paul, MN (United States)]; Smith, Charlie [Utility Variable Generation Integration Group, Reston, VA (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/12/2015
1215292	IEA Wind Task 26. Wind Technology, Cost and Performance Trends in Denmark, Germany, Ireland, Norway, the European Union, and the United States. 2007-2014	Vitina, Aisma [Ea Energy Analyses, Copenhagen (Denmark)]; Luers, Silke [Deutsche WindGuard, Varel (Germany)]; Wallasch, Anna-Kathrin [Deutsche WindGuard, Varel (Germany)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/12/2015
1215260	Analyzing Design Heating Loads in Superinsulated Buildings	Arena, Lois [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/16/2015
1215320	Analysis of Bright Harvest Remote Analysis for Residential Solar Installations	Nangle, John [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Simon, Joseph [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/17/2015
1215144	Measure Guideline: Deep Energy Enclosure Retrofit for Double-Stud Walls	Loomis, H. [Building Science Corporation, Westford, MA (United States)]; Pettit, B. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/22/2015
1215272	Cooling and Heating Season Impacts of Right-Sizing of Fixed- and Variable-Capacity Heat Pumps With Attic and Indoor Ductwork	Cummings, James [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Withers, Charles [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/24/2015
1215166	Characterization of Contact and Bulk Thermal Resistance of Laminations for Electric Machines	Cousineau, J. Emily [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Bennion, Kevin [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/30/2015
1215197	Sustainable Energy in Remote Indonesian Grids. Accelerating Project Development	Hirsch, Brian [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Burman, Kari [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	6/30/2015
1215128	Zero Emission Bay Area (ZEBA) Fuel Cell Bus Demonstration Results. Fourth Report	Eudy, Leslie [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Post, Matthew [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/2/2015
1215138	Modeling the Integrated Expansion of the Canadian and U.S. Power Sectors with the Regional Energy Deployment System (ReEDS)	Zinaman, Owen [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Ibanez, Eduardo [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/2/2015
1215256	Analysis of Aurora's Performance Simulation Engine for Three Systems	Freeman, Janine [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Simon, Joseph [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/7/2015
1215228	City-Level Energy Decision Making. Data Use in Energy Planning, Implementation, and Evaluation in U.S. Cities	Aznar, Alexandra [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Day, Megan [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/8/2015
1215339	Southern California Edison Grid Integration Evaluation: Cooperative Research and Development Final Report, CRADA Number CRD-10-376	Mather, Barry [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/9/2015
1215344	Commercialization Plan Support for Development of Low Cost Vacuum Insulating Glazing: Cooperative Research and Development Final Report, CRADA Number CRD-11-449	Dameron, Arrelaine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/9/2015
1215346	Wind Farm Monitoring at Storm Lake I Wind Power Project -- Equipment Only: Cooperative Research and Development Final Report, CRADA Number CRD-10-369	Gevorgian, Vahan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/9/2015
1215299	Retrofitting a 1960s Split-Level, Cold-Climate Home	Puttagunta, Srikanth [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/13/2015
1215119	Mechanical Loads Test Report for the U.S. Department of Energy 1.5-Megawatt Wind Turbine	Santos, Rick [Santos Wind Engineering Technologies, Inc., Portland, ME (United States)]; van Dam, Jeroen [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/16/2015
1215209	2015 Standard Scenarios Annual Report: U.S. Electric Sector Scenario Exploration	Sullivan, Patrick [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/16/2015
1215271	Water Constraints in an Electric Sector Capacity Expansion Model	Macknick, Jordan [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Cohen, Stuart [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/17/2015
1215195	Renewable Electricity Use by the U.S. Information and Communication Technology (ICT) Industry	Miller, John [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Bird, Lori [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/20/2015
1215267	Methods for Analyzing the Economic Value of Concentrating Solar Power with Thermal Energy Storage	Denholm, Paul [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Jorgenson, Jennie [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/20/2015
1215318	On the Inclusion of Energy-Shifting Demand Response in Production Cost Models: Methodology and a Case Study	O'Connell, Niamh [Technical Univ. of Denmark, Lyngby (Denmark)]; Hale, Elaine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/20/2015
1215093	Survey of Flex Fuel in 2014. CRC Project E-85-3	Alleman, Teresa L. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/27/2015
1215283	Predicting the Response of Electricity Load to Climate Change	Sullivan, Patrick [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Colman, Jesse [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/28/2015
1215365	Equipment Loan for Concentrated PV Cavity Converter (PVCC) Research: Cooperative Research and Development Final Report, CRADA Number CRD-08-285	Netter, Judy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/28/2015
1215194	Challenges and Opportunities for Transactive Control of Electric Vehicle Supply Equipment. A Reference Guide	Jin, Xin [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Meintz, Andrew [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laboratory (NREL), Golden, CO (United States)	7/29/2015

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1215274	Climate-Specific Passive Building Standards	Wright, Graham S. [Building Science Corp., Westford, MA (United States)]; Klingsberg, Katrin [Building Science Corp., Westford, MA (United States)]	TR	NREL	National Renewable Energy Laborato	7/29/2015
1215305	High-Performance Ducts in Hot-Dry Climates	Hoeschele, Marc [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Chitwood, Rick [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	7/30/2015
1215316	Sealed Crawl Spaces with Integrated Whole-House Ventilation in a Cold Climate	Zoeller, William [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Williamson, James [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Laborato	7/30/2015
1215253	Environmental Performance Report 2014. NREL (National Renewable Energy Laboratory)	Rukavina, Frank [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Myers, Lissa [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	8/1/2015
1215337	Base-Catalyzed Depolymerization of Lignin with Heterogeneous Catalysts: Cooperative Research and Development Final Report, CRADA Number CRD-13-513	Beckham, Gregg T. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	8/4/2015
1215351	Improving Translation Models for Predicting the Energy Yield of Photovoltaic Power Systems. Cooperative Research and Development Final Report, CRADA Number	Emery, Keith [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	8/4/2015
1215357	Cellulosic Biomass Sugars to Advantage Jet Fuel: Catalytic Conversion of Corn Stover to Energy Dense, Low Freeze Point Paraffins and Naphthenes: Cooperative Research	Elander, Rick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	8/4/2015
1215327	2014 Wind Technologies Market Report	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Bolinger, Mark [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	National Renewable Energy Laborato	8/6/2015
1215001	Overview of North American Hydrogen Sensor Standards	O'Malley, Kathleen [SRA International, Inc., Colorado Springs, CO (United States)]; Lopez, Hugo [UL LLC, Chicago, IL (United States)]; Cairns, Julie	TR	NREL	National Renewable Energy Laborato	8/11/2015
1215120	Power Performance Test Report for the U.S. Department of Energy 1.5-Megawatt Wind Turbine	Mendoza, Ismael [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Hur, Jerry [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	8/11/2015
1215244	Inverter Ground Fault Overvoltage Testing	Hoke, Andy [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Nelson, Austin [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	8/12/2015
1215298	Implementing a Zero Energy Ready Home Multifamily Project	Springer, David [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; German, Alea [National Renewable Energy	TR	NREL	National Renewable Energy Laborato	8/17/2015
1215045	Renewable Electricity Grid Integration Roadmap for Mexico. Supplement to the IEA Expert Group Report on Recommended Practices for Wind Integration Studies	Parsons, Brian [Evergreen Renewable Consulting, Evergreen, CO (United States)]; Cochran, Jaquelin [National Renewable Energy Laboratory (NREL),	TR	NREL	National Renewable Energy Laborato	8/19/2015
1215176	Field Performance of Inverter-Driven Heat Pumps in Cold Climates	Williamson, James [Consortium of Advanced Residential Buildings, Norwalk, CT (United States)]; Aldrich, Robb [Consortium of Advanced Residential	TR	NREL	National Renewable Energy Laborato	8/19/2015
1215121	Power Quality Test Report for the U.S. Department of Energy 1.5-Megawatt Wind Turbine	Mendoza, Ismael [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Hur, Jerry [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	8/20/2015
1214966	Primer on Motor Fuel Excise Taxes and the Role of Alternative Fuels and Energy Efficient Vehicles	Schroeder, Alex [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Laborato	8/26/2015
1215314	Domestic Material Content in Molten-Salt Concentrating Solar Power Plants	Turchi, Craig [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Kurup, Parthiv [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborato	8/26/2015
1215308	Energy Efficiency Under Alternative Carbon Policies. Incentives, Measurement, and Interregional Effects	Steinberg, Daniel C. [National Renewable Energy Laboratory (NREL), Golden, CO (United States)]; Boyd, Erin [National Renewable Energy Laboratory	TR	NREL	National Renewable Energy Laborato	8/28/2015
1233173	Final Technical Report: SIND Operational Analysis and Tools Improvement	Hodge, Bri-Mathias; Bloom, Aaron; Krad, Ibrahim; Mehos, Mark	TR	NREL	National Renewable Energy Laborato	11/18/2015
1233218	Transmission and Alternatives Analysis and Strategic Stakeholder Engagement	O'Neill, Barbara; Milligan, Michael; Clark, Kara; Muljadi, Eduard	TR	NREL	National Renewable Energy Laborato	11/18/2015
1171780	Identifying and Overcoming Critical Barriers to Widespread Second Use of PEV Batteries	Neubauer, J.; Smith, K.; Wood, E.; Pesaran, A.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1171787	Offshore Wind Jobs and Economic Development Impacts in the United States: Four Regional Scenarios	Tegen, S.; Keyser, D.; Flores-Espino, F.; Miles, J.; Zammit, D.; Loomis, D.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1171792	Modeling Microinverters and DC Power Optimizers in PVWatts	MacAlpine, S.; Deline, C.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1171794	Airflow Resistance of Loose-Fill Mineral Fiber Insulations in Retrofit Applications	Schumacher, C. J.; Fox, M. J.; Lstiburek, J.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1171795	Chapter 6: Residential Lighting Evaluation Protocol	Dimetrosky, S.; Parkinson, K.; Lieb, N.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172273	Determining the Crystal Structure of the aa-CoA Synthase Npht7: Cooperative Research and Development Final Report, CRADA Number CRD-13-533	Lunin, V.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172275	Improved Tools for Wind Resource Assessment with Remote Sensing Sodar Device: Cooperative Research and Development Final Report, CRADA Number: CRD-09-363	Clifton, A.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172280	Biomass Resource Demand Characterization Study: Cooperative Research and Development Final Report, CRADA Number CRD-11-436	Mann, M.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172282	Next Generation of Renewable Electricity Policy: How Rapid Change is Breaking Down Conventional Policy Categories	Couture, T. D.; Jacobs, D.; Rickerson, W.; Healey, V.	TR	NREL	National Renewable Energy Laborato	2/1/2015

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1172283	Simulation and Field Evaluation Support for ESTCP Dynamic Windows: Cooperative Research and Development Final Report, CRADA Number CRD-12-492	Guglielmetti, R.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172290	Improving Gas Furnace Performance: A Field and Laboratory Study at End of Life	Brand, L.; Yee, S.; Baker, J.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172925	Value of Improved Short-Term Wind Power Forecasting	Hodge, B. M.; Florita, A.; Sharp, J.; Margulis, M.; McCreavy, D.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172929	Optimizing Federal Fleet Vehicle Acquisitions: An Eleven-Agency FY 2012 Analysis	Singer, M.; Daley, R.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172931	Jobs and Economic Development Impact (JEDI) User Reference Guide: Fast Pyrolysis Biorefinery Model	Zhang, Y.; Goldberg, M.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172932	Improved Rotating Shadowband Radiometer Measurement Performance: Cooperative Research and Development Final Report, CRADA Number CRD-08-294	Andreas, A. M.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172934	Credit Enhancements and Capital Markets to Fund Solar Deployment: Leveraging Public Funds to Open Private Sector Investment	Mendelsohn, M.; Urdanick, M.; Joshi, J.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1172936	2013 Cost of Wind Energy Review	Mone, C.; Smith, A.; Maples, B.; Hand, M.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1176740	Renewable Electricity: Insights for the Coming Decade	Stark, C.; Pless, J.; Logan, J.; Zhou, E.; Arent, D. J.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1176741	EcoVillage: A Net Zero Energy Ready Community	Arena, L.; Faakye, O.	TR	NREL	National Renewable Energy Laborato	2/1/2015
1176737	Flexible CIGS Test and Evaluation: Cooperative Research and Development Final Report, CRADA Number CRD-08-293	Kempe, M.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176739	Analysis of Solar Census Remote Solar Access Value Calculation Methodology	Nangle, J.; Dean, J.; Van Geet, O.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176743	Concentrating Solar Power and Water Issues in the U.S. Southwest	Bracken, N.; Macknick, J.; Tovar-Hastings, A.; Komor, P.; Gerritsen, M.; Mehta, S.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176746	Process Design and Economics for the Conversion of Lignocellulosic Biomass to Hydrocarbons: Dilute-Acid and Enzymatic Deconstruction of Biomass to Sugars and	Davis, R.; Tao, L.; Scarlata, C.; Tan, E. C. D.; Ross, J.; Lukas, J.; Sexton, D.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176752	Buried Anode Device Development: Cooperative Research and Development Final Report, CRADA Number CRD-11-451	Tenent, R.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176753	Cooperative Research between NREL and Solar Junction Corp: Cooperative Research and Development Final Report, CRADA Number CRD-08-306	Friedman, D.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176755	Monitoring of Double Stud Wall Moisture Conditions in the Northeast	Ueno, K.	TR	NREL	National Renewable Energy Laborato	3/1/2015
1176758	NREL: A Year in Clean Energy Innovations: A Review of NREL's 2014 Feature Stories (Brochure)	Not Available	TR	NREL	National Renewable Energy Laborato	3/1/2015
1225479	Northwest Energy Efficient Manufactured Housing Program High-Performance Test Homes	Hewes, Tom; Peeks, Brady	TR	NREL	NREL (National Renewable Energy Lab	9/15/2015
1226160	Parallel Application Performance on Two Generations of Intel Xeon HPC Platforms	Chang, Christopher H.; Long, Hai; Sides, Scott; Vaidhyanathan, Deepthi; Jones, Wesley	TR	NREL	NREL (National Renewable Energy Lab	10/15/2015
1215290	Measure Guideline. Five Steps to Implement the Public Housing Authority Energy-Efficient Unit Turnover Checklist	Liaukus, Christine [Building American Research Alliance, Kent, WA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	7/9/2015
1215006	Process Design and Economics for the Conversion of Lignocellulosic Biomass to Hydrocarbons via Indirect Liquefaction. Thermochemical Research Pathway to High-	Tan, E. C. D.; Talmadge, M.; Dutta, A.; Hensley, J.; Schaidle, J.; Bidy, M.; Humbird, D.; Snowden-Swan, L. J.; Ross, J.; Sexton, D.; Yap, R.; Lukas, J.	TR	NREL	NREL (National Renewable Energy Lab	3/1/2015
1215007	Process Design and Economics for the Conversion of Lignocellulosic Biomass to Hydrocarbon Fuels. Thermochemical Research Pathways with In Situ and Ex	Dutta, A.; Sahir, A.; Tan, E.; Humbird, D.; Snowden-Swan, L. J.; Meyer, P.; Ross, J.; Sexton, D.; Yap, R.; Lukas, J.	TR	NREL	NREL (National Renewable Energy Lab	3/1/2015
1226475	State-of-the-art Fuel Cell Voltage Durability Status: 2015 Composite Data Products	Kurtz, Jennfier [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dinh, Huyen [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	5/1/2015
1215118	Annual Sustainability Report FY 2014. Incorporates NREL Site Sustainability Plan	Rukavina, Frank [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	7/1/2015
1226471	A Resiliency Action Plan for the National Renewable Energy Laboratory: May 23, 2014 -- June 5, 2015	Vogel, J [Abt Environmental Research, Boulder, CO (United States)]; Wagner, C. [Abt Environmental Research, Boulder, CO (United States)]; Renfrow, S.	TR	NREL	NREL (National Renewable Energy Lab	9/3/2015
1226484	A Climate Change Vulnerability Assessment Report for the National Renewable Energy Laboratory: May 23, 2014 -- June 5, 2015	Vogel, J. [Abt Environmental Research, Boulder, CO (United States)]; O'Grady, M. [Abt Environmental Research, Boulder, CO (United States)]; Renfrow, S.	TR	NREL	NREL (National Renewable Energy Lab	9/3/2015
1226468	Analysis of Joist Masonry Moisture Content Monitoring	Ueno, Kohta [Building Science Corporation, Westford, MA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	10/8/2015
1226469	Pilot Testing of Commercial Refrigeration-Based Demand Response	Hirsch, Adam [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Clark, Jordan [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	10/8/2015

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1226162	Review of Sector and Regional Trends in U.S. Electricity Markets. Focus on Natural Gas. Natural Gas and the Evolving U.S. Power Sector Monograph Series. Number 1	Logan, Jeffrey; Medlock III, Kenneth B.; Boyd, William C.	TR	NREL	NREL (National Renewable Energy Lab.)	10/15/2015
1226473	Status and Trends in the U.S. Voluntary Green Power Market (2014 Data)	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heeter, Jenny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Schwabe, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	NREL (National Renewable Energy Lab.)	10/16/2015
1233464	Historical and Current U.S. Strategies for Boosting Distributed Generation	Lower, Travis [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Schwabe, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	NREL (National Renewable Energy Lab.)	10/29/2015
1226482	Combustion Safety Simplified Test Protocol Field Study	Brand, L [Gas Technology Inst., Des Plaines, IL (United States)]; Cautley, D. [Gas Technology Inst., Des Plaines, IL (United States)]; Bohac, D. [Gas Technology Inst., Des Plaines, IL (United States)];	TR	NREL	NREL (National Renewable Energy Lab.)	11/5/2015
1227112	NREL/University of Delaware Offshore Wind R&D Collaboration: Cooperative Research and Development Final Report, CRADA Number CRD-10-393	Musial, Walt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	11/12/2015
1227109	National Renewable Energy Laboratory Renewable Energy Opportunity Assessment for USAID Mexico	Watson, Andrea [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bracho, Ricardo [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	NREL (National Renewable Energy Lab.)	11/13/2015
1227265	Western Wind and Solar Integration Study Phase 3A: Low Levels of Synchronous Generation	Miller, Nicholas W. [GE Energy Management, Atlanta, GA (United States)]; Leonardi, Bruno [GE Energy Management, Atlanta, GA (United States)];	TR	NREL	NREL (National Renewable Energy Lab.)	11/17/2015
1185778	Industrial Waste Heat Recovery - Potential Applications, Available Technologies and Crosscutting R&D Opportunities	Thekdi, Arvind [E3M Inc, North Potomac, MD (United States)]; Nimbalkar, Sachin U. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185844	Systematic Assessment of Neutron and Gamma Backgrounds Relevant to Operational Modeling and Detection Technology Implementation	Archer, Daniel E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hornback, Donald Eric [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185852	The Weatherization Assistant User's Manual (Version 8.9)	Gettings, Michael B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Malhotra, Mini [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185853	An Update on Improvements to NICE Support for RELAP-7	McCaskey, Alex [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wojtowicz, Anna [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185876	Modeling and Simulation for Safeguards and Nonproliferation Workshop	Gilligan, Kimberly V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Kirk, Bernadette Luge [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185882	Hydropower Baseline Cost Modeling	O'Connor, Patrick W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Zhang, Qin Fen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1221725	High Efficiency Room Air Conditioner	Bansal, Pradeep [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185693	Reactor Fuel Isotopics and Code Validation for Nuclear Applications	Francis, Matthew W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Weber, Charles F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1185890	Cadmium Subtraction Method for the Active Albedo Neutron Interrogation of Uranium	Worrall, Louise G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Croft, Stephen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1210139	Report on status of execution of SiC step document	Katoh, Yutai [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Terrani, Kurt A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1221722	Evaluation of Additive Manufacturing for Composite Part Molds	Duty, Chad E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Springfield, Robert M. [Tru Design, LLC, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1223638	National Weatherization Assistance Program Impact Evaluation: Weatherization Staff Survey	Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]; Berger, Jacqueline [APPRISE, Inc., Princeton, NJ (United States)]; Miller, Carolyn [APPRISE, Inc., Princeton, NJ (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1185868	Case Study for the ARRA-funded GSHP Demonstration at University at Albany	Liu, Xiaobing [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Malhotra, Mini [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185937	Thick Concrete Specimen Construction, Testing, and Preliminary Analysis	Clayton, Dwight A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hoegh, Kyle [Univ. of Minnesota, Minneapolis, MN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185940	Travel Patterns and Characteristics of Elderly Subpopulation in New York State	Hwang, Ho-Ling [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wilson, Daniel W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185941	2014 Vehicle Technologies Market Report	Davis, Stacy Cagle [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Diegel, Susan W [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185949	Advanced Numerical Model for Irradiated Concrete	Giorla, Alain B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185957	Reported Energy and Cost Savings from the DOE ESPC Program: FY 2014	Slattery, Bob S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1210141	Radiation-Hardened Circuitry Using Mask-Programmable Analog Arrays. Report 3	Britton, Jr, Charles L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shelton, Jacob H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1223074	Environmental Emissions Nonenergy Benefits Working Paper: ARRA Period	Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]; Bausch, Daniel [APPRISE, Inc., Princeton, NJ (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1223653	Findings from Survey Administered to Weatherization Training Centers	Conlon, Brian [Univ. of Tennessee, Knoxville, TN (United States)]; Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1223655	National Weatherization Assistance Program Evaluation: Assessment of Refrigerator Energy Use	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Goeltz, Rick [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015

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1210142	Milestone Report - M4FT-15OR0312026 - Complete NO and NO<sub>2</sub> aging of AgZ	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Patton, Kaara K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/31/2015
1212356	Initial Effects of NO<sub>x</sub> on Iodine and Methyl Iodine Loading of AgZ and Aerogels	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/31/2015
1185376	Isotopic Details of the Spent Catawba-1 MOX Fuel Rods at ORNL	Ellis, Ronald James [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/1/2015
1185945	Thermal aging modeling and validation on the Mo containing Fe-Cr-Ni alloys	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/1/2015
1185976	Clean Cities Strategic Planning White Paper: Light Duty Vehicle Fuel Economy	Saulsbury, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hopson, Dr Janet L [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/1/2015
1224168	Technology Implementation Plan. Fully Ceramic Microencapsulated Fuel for Commercial Light Water Reactor Application	Snead, Lance Lewis [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Terrani, Kurt A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/1/2015
1210147	Post-Service Examination of PWR Baffle Bolts, Part I. Examination and Test Plan	Leonard, Keith J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Sokolov, Mikhail A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/30/2015
1210155	BWR Spent Nuclear Fuel Interfacial Bonding Efficiency Study	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jiang, Hao [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/30/2015
1185975	Kinetics of Chronic Oxidation of NBG-17 Nuclear Graphite by Water Vapor	Contescu, Cristian I [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Burchell, Timothy D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1187907	Mechanical Response of Thermoelectric Materials	Wereszczak, Andrew A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Case, Eldon D. [Michigan State Univ., East Lansing, MI (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1210149	Final Report: LiCaAlF<sub>6</sub>:Eu Scintillator Family Neutron Detection	Harrison, Mark J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Singh, David J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1210158	Real-Time Wavelength Discrimination for Improved Neutron Discrimination in CLYC	Hornback, Donald Eric [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hu, Michael Z. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1221729	Multi-material Preforming of Structural Composites	Norris, Robert E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Eberle, Cliff C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1210154	Milestone Report - M3FT-15OR03120211 - Complete Iodine Loading of NO Aged Ag<sup>0</sup>-functionalized Aerogel	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Patton, Kaara K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/29/2015
1185638	Technology Implementation Plan - ATF FeCrAl Cladding for LWR Application	Snead, Mary A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Snead, Lance [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/1/2015
1187917	Lifetime Energy and Environmental Impacts of Insulation Materials in commercial Building Applications Assessment Methodology and Sample Calculations	Shrestha, Som S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bhandari, Mahabir S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/1/2015
1223078	Report on FY15 Two-Bar Thermal Ratcheting Test Results	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/22/2015
1195814	Hydroxylamine Nitrate Decomposition under Non-radiological Conditions	McFarlane, Joanna [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Delmau, Laetitia Helene [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2015
1201294	Superhydrophobic powder additives to enhance chemical agent resistant coating systems for military equipment for the U.S. Marine Corps (USMC) Corrosion Prevention and	Pawel, Steven J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Armstrong, Beth L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2015
1212367	Impact of Measurement Error on Synchrotron Applications	Liu, Yilu [Univ. of Tennessee, Knoxville, TN (United States)]; Gracia, Jose R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2015
1210157	Flexible Friction Stir Joining Technology	Feng, Zhili [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lim, Yong Chae [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/23/2015
1210162	ADVANTG An Automated Variance Reduction Parameter Generator, Rev. 1	Mosher, Scott W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Johnson, Seth R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1212369	Severe Accident Scoping Simulations of Accident Tolerant Fuel Concepts for BWRs	Robb, Kevin R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1212371	RILEM TC ISR Summer 2015 Activity Report	Le Pape, Yann [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1213346	Additional Protocol (AP) Protocol Reporter Version 3.0 (PR3) System Design Specification (SDS)	Cain, Ronald A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hannan, Kevin [Trident Research Corporation, Austin, TX (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1213349	PIE on Safety-Tested AGR-1 Compact 5-1-1	Hunn, John D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Morris, Robert Noel [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1221738	Steam Oxidation of FeCrAl and SiC in the Severe Accident Test Station (SATS)	Pint, Bruce A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Unocic, Kinga A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2015
1213353	Fabrication of Natural Uranium UO<sub>2</sub> Disks (Phase II): Texas A&M Work for Others Summary Document	Gerczak, Tyler J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Baldwin, Charles A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/28/2015
1213354	Report on Reactor Physics Assessment of Candidate Accident Tolerant Fuel Cladding Materials in LWRs	Powers, Jeffrey J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; George, Nathan [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/28/2015



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1221739	Nondestructive Evaluation of Thick Concrete Using Advanced Signal Processing Techniques	Clayton, Dwight A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Barker, Alan M [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1221740	Q-Sync Motors in Commercial Refrigeration. Preliminary Test Results and Projected Benefits	Fricke, Brian A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Becker, Bryan R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1221741	Development of a robust modeling tool for radiation-induced segregation in austenitic stainless steels	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Field, Kevin G [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1221742	Hydra-TH Extensions for Multispecies and Thermosolutal Convection	Stagg, Alan K [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Yoon, Su-Jong [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1221743	Quarterly Research Performance Progress Report (2015 Q3). Ultrasonic Phased Arrays and Interactive Reflectivity Tomography for Nondestructive Inspection of Injection	Santos-Villalobos, Hector J [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Polsky, Yarom [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1221744	Milestone M3FT-15OR0203112. Build redesigned HFIR rabbit capsules and make ready for insertion for irradiation in HFIR	Howard, Richard H [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; McDuffee, Joel Lee [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1223084	An Update on NICE Support for BISON	McCaskey, Alex [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Billings, Jay Jay [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1223085	Progress Report on Disassembly and Post-Irradiation Experiments for UCSB ATR-2 Experiment	Nanstad, Randy K [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Odette, G. R. [Univ. of California, Santa Barbara, CA (United States)]; Robinson, Sharon M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chattin, Marc Rhea [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1223668	Evaluation of Tritium Content and Release from Pressurized Water Reactor Fuel Cladding	Robinson, Sharon M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chattin, Marc Rhea [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1223674	End-of-Year Report: Qualification of Very Pure U-233 for Use in Uranium Analyses	Krichinsky, Alan M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bates, Bruce E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1225415	Chemical compatibility issues associated with use of SiC/SiC in advanced reactor concepts	Wilson, Dane F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/1/2015
1224174	Tensile and toughness assessment of the procured advanced alloys	Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Sokolov, Mikhail A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	9/11/2015
1223077	Synthesis and Luminescence Characteristics of Cr <sup>3+</sup> doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub>	Smith, Brenda A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Dabestani, Reza T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223640	National Weatherization Assistance Program Impact Evaluation: Energy Impacts for Large Multifamily Buildings	Blasnik, Michael [Blasnik & Associates, Roslindale, MA (United States)]; Dalhoff, Greg [Dalhoff & Associates, Verona, WI (United States)]; Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223641	National Weatherization Assistance Program Impact Evaluation - Client Satisfaction Survey: WAP Service Delivery from the Client's Perspective	Miller, Carolyn [Carolyn Miller Consulting, Princeton, NJ (United States)]; Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223642	Weatherization Works--Summary of Findings from the Retrospective Evaluation of the U.S. DOE's Weatherization Assistance Program	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223650	National Weatherization Assistance Program Impact Evaluation - Baseline Occupant Survey: Assessment of Client Status and Needs	Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]; Berger, Jacqueline [APPRISE, Inc., Princeton, NJ (United States)]; Miller, Carolyn [APPRISE, Inc., Princeton, NJ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223652	Survey of Recipients of WAP Services Assessment of Household Budget and Energy Behaviors Pre to Post Weatherization DOE	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rose, Erin M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223654	Weatherization Works II - Summary of Findings from the ARRA Period Evaluation of the U.S. Department of Energy's Weatherization Assistance Program	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Carroll, David [APPRISE, Inc., Princeton, NJ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223657	National Weatherization Assistance Program Characterization Describing the Recovery Act Period	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rose, Erin M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223675	The ORNL Indoor Air Quality Study: Re-cap, Context, and Assessment on Radon	Tonn, Bruce Edward [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rose, Erin M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1223677	Development and mechanical results of Zr-bearing ferritic steels	Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1224164	On-Going International Research Program on Irradiated Concrete Conducted by DOE, EPRI and Japan Research Institutions. Roadmap, Achievements and Path Forward	Le Pape, Yann [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rosseel, Thomas M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1225432	Materials Innovation for Next-Generation T&D Grid Components. Workshop Summary Report	Taylor, Emmanuel [Energetics Incorporated, Columbia, MD (United States)]; Kramer, Caroline [Energetics Incorporated, Columbia, MD (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	10/1/2015
1185635	Performance Evaluation of Advanced Retrofit Roof Technologies Using Field-Test Data Phase Three Final Report, Volume 2	Biswas, Kaushik [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Childs, Phillip W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	1/1/2015
1185870	Opportunities for Efficiency Improvements in the U.S. Electricity Transmission and Distribution System	Jackson, Roderick K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Onar, Omer C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	4/1/2015
1185969	Overview of Resources for Geothermal Absorption Cooling for Buildings	Liu, Xiaobing [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gluesenkamp, Kyle R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	6/1/2015
1186004	Evaluation of Variable Refrigerant Flow Systems Performance and the Enhanced Control Algorithm on Oak Ridge National Laboratory's Flexible Research Platform	Im, Piljae [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	6/1/2015
1223081	Review of Test Procedure for Determining HSPFs of Residential Variable-Speed Heat Pumps	Rice, C. Keith [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak	8/1/2015

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1185997	Corn Ethanol: The Surprisingly Effective Route for Natural Gas Consumption in the Transportation Sector	Szybist, James P. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Curran, Scott [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2015
1185903	Modeling and Simulations for the High Flux Isotope Reactor Cycle 400	Ilas, Germina [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; High Flux Isotope Reactor (HFIR); Chandler, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185741	Feasibility and testing of lightweight, energy efficient, additive manufactured pneumatic control valve	Love, Lonnie J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Mell, Ellen [Aerovolve, LLC, St. Louis, Mo (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1210140	Cincinnati Big Area Additive Manufacturing (BAAM)	Duty, Chad E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Love, Lonnie J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/4/2015
1224158	Additive Manufacturing/Diagnostics via the High Frequency Induction Heating of Metal Powders: The Determination of the Power Transfer Factor for Fine	Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Radhakrishnan, Balasubramaniam [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/11/2015
1185891	Technical Design Report, Second Target Station	Galambos, John D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Anderson, David E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185930	SNS Sample Activation Calculator Flux Recommendations and Validation	McClanahan, Tucker C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]. Spallation Neutron Source (SNS); Gallmeier, Franz X. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	2/1/2015
1185964	Effects of High Octane Ethanol Blends on Four Legacy Flex-Fuel Vehicles, and a Turbocharged GDI Vehicle	Thomas, John F [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; West, Brian H [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2015
1185624	Key Parameters for Operator Diagnosis of BWR Plant Condition during a Severe Accident	Clayton, Dwight A [ORNL]; Poore III, Willis P [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185904	Milestone Report - Demonstrate Braided Material with 3.5 g U/kg Sorption Capacity under Seawater Testing Condition (Milestone M2FT-15OR0310041 - 1/30/2015)	Janke, Christopher James [ORNL]; Das, Sadananda [ORNL]; Oyola, Yatsandra [ORNL]; Mayes, Richard T [ORNL]; Gill, Gary [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2015
1195819	Secure Storage Architectures	Aderholdt, Ferrol [Tennessee Technological University]; Caldwell, Blake A [ORNL]; Hicks, Susan Elaine [ORNL]; Koch, Scott M [ORNL]; Naughton, III, Mark [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2015
1185943	M3FT-15OR0202237: Submit Report on Results From Initial Coating Layer Development For UN TRISO Particles	Jolly, Brian C [ORNL]; Lindemer, Terrence [Harbach Engineering and Solutions]; Terrani, Kurt A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2015
1185998	Analysis of Waste Isolation Pilot Plant Samples: Integrated Summary Report	Britt, Phillip F [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2015
1186001	Severe Accident Test Station Activity Report	Pint, Bruce A [ORNL]; Terrani, Kurt A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	6/1/2015
1223079	Report on FY15 Alloy 617 SMT Creep-Fatigue Test Results	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	6/22/2015
1207056	Performance Specification for Standardized Transportation, Aging, and Disposal Canister Systems R2	Blink, James [Beckman and Associates, Inc.]; Alsaed, Abdelhalim [Enviro Nuclear Services, LLC]; Nutt, Mark [Argonne National Laboratory (ANL), Argonne, IL (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/1/2015
1207057	Rationale for the Performance Specification for Standardized Transportation, Aging, and Disposal Canister Systems R1	Alsaed, Abdelhalim [Enviro Nuclear Services, LLC]; Blink, James [Beckman and Associates, Inc.]; Nutt, Mark [Argonne National Laboratory (ANL), Argonne, IL (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/1/2015
1209214	Development of a First-of-a-Kind Deterministic Decision-Making Tool for Supervisory Control System	Cetiner, Sacit M [ORNL]; Kisner, Roger A [ORNL]; Muhlheim, Michael David [ORNL]; Fugate, David L [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/1/2015
1209210	Atomically Bonded Transparent Superhydrophobic Coatings	Aytug, Tolga [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	8/1/2015
1212342	Low Temperature Irradiation Embrittlement of Reactor Pressure Vessel Steels	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	8/1/2015
1213994	PIE on safety-tested AGR-1 compact 4-2-2	Hunn, John D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Morris, Robert Noel [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2015
1214007	Evaluation of iodine and water Co-adsorption on silver-functionalized aerogel	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2015
1213990	Final review of the Campbell Creek demonstrations showcased by Tennessee Valley Authority	Gehl, Anthony C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	6/1/2015
1214026	Coupling of thermochemistry solver THERMOCHEMICA with MOOSE/BISON	Simunovic, Srđjan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Besmann, Theodore M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	6/1/2015
1214508	Impacts analysis regarding partially hydrogenated oils	Smith, Ellen D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Turhollow, Jr., Anthony F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	6/1/2015
1214506	An analysis of representative heating load lines for residential HSPF ratings	Rice, C. Keith [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shen, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/1/2015
1215587	Query optimization for graph analytics on linked data using SPARQL	Hong, Seokyoung [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lee, Sangkeun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/1/2015
1214031	Preliminary evaluation of exchange of hydrogen isotopes in the structure of a mordenite-based sorbent	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	7/31/2015
1210161	Letter Report of the Self-Calibration Testing of the Johnson Noise Thermometry System	Britton Jr, Charles L [ORNL]; Roberts, Michael [ORNL]; Bull, Nora D [ORNL]; Holcomb, David Eugene [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	8/1/2015

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1214036	Optimized properties on base metal and thin-walled tube of generation II ATF FeCrAl	Yamamoto, Yukinori [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gussev, Maxim N. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1214037	Swelling in light water reactor internal components: Insights from computational modeling	Stoller, Roger E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Barashev, Alexander V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1215604	Sustainable hydropower in Lower Mekong Countries: Technical assessment and training travel report	Hadjerioua, Boualem [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Witt, Adam M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1215606	Systematic technology evaluation program for SiC/SiC composite-based accident-tolerant LWR fuel cladding and core structures: Revision 2015	Kato, Yutai [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Terrani, Kurt A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1222567	Summary of WPT FOA phase II demonstration performed on July 21, 2015	Jones, Perry T. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Onar, Omer C. [Oak Ridge National Laboratory (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1224755	Transportation Energy Data Book: Edition 34	Davis, Stacy Cagle [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Williams, Susan E [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1214028	Embedded Volttron specification - benchmarking small footprint compute device for Volttron	Sanyal, Jibonananda [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Fugate, David L. [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/17/2015
1214514	ASME code considerations for the compact heat exchanger	Nestell, James [MPR Associates Inc., Alexandria, VA (United States)]; Sham, Sam [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/31/2015
1214023	ORNL's envelope stakeholder workshop proceedings	Lapsa, Melissa Voss [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Grubbs, Tyler [SRA International, Inc., Atlanta, GA (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1214025	CIRFT testing of high-burnup used nuclear fuel rods from pressurized water reactor and boiling water reactor environments	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1214505	Evaluation of advanced polymers for additive manufacturing	Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Morrison, Crystal [PPG Industries, Pittsburgh, PA (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1214517	Development and quality assessments of commercial heat production of ATF FeCrAl tubes	Yamamoto, Yukinori [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1214518	Report on FY15 alloy 617 code rules development	Sham, Sam [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1215565	Bias estimates used in lieu of validation of fission products and minor actinides in MCNP K<sub>eff</sub> calculations for PWR burnup credit casks	Mueller, Don E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Marshall, William J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1222563	2014 Oak Ridge Reservation Annual Site Environmental Report	Hughes, Joan F. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1222564	Safety testing of AGR-2 UO<sub>2</sub> compacts 3-3-2 and 3-4-2	Hunn, John D. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Morris, Robert Noel [Oak Ridge National Laboratory (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1222572	Total dissolved gas prediction and optimization in RiverWare	Stewart, Kevin M. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Witt, Adam M. [Oak Ridge National Laboratory (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1222573	Evaluation of the feasibility and viability of modular pumped storage hydro (m-PSH) in the United States	Witt, Adam M. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Hadjerioua, Boualem [Oak Ridge National Laboratory (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1215605	Early implementation of SiC cladding fuel performance models in BISON	Powers, Jeffrey J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/18/2015
1222570	Advanced variable speed air source integrated heat pump (AS-IHP) development - CRADA final report	Baxter, Van D. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Rice, C. Keith [Oak Ridge National Laboratory (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2015
1222574	Delivery of completed irradiation vehicles and the quality assurance document to the High Flux Isotope Reactor for irradiation	Petrie, Christian M. [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; McDuffee, Joel Lee [Oak Ridge National Laboratory (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2015
1224758	Milestone Report - M4FT-15OR03120218 - A Literature Search on the Effects of the Decay of <sup>85</sup>Kr to <sup>85</sup>Rb on Long-term Storage Options	Bruffey, Stephanie H [ORNL]; Jubin, Robert Thomas [ORNL]; Spencer, Barry B [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2015
1225433	Elastic Modulus Measurement of ORNL ATF FeCrAl Alloys	Thompson, Zachary T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Terrani, Kurt A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2015
1212346	Mechanical Fatigue Testing of High Burnup Fuel for Transportation Applications	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2015
1187915	Condensing Furnace Venting Part 2: Evaluation of Same-Chimney Vent Systems for Condensing Furnaces and Natural Draft Water Heaters	Mehdizadeh Momen, Ayyoub [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2015
1185865	Case Study of The ARRA-Funded GSHP Demonstration at the Natural Sources Building, Montana Tech	Malhotra, Mini [ORNL]; Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2015
1215575	Case study for ARRA-funded ground-source heat pump (GSHP) demonstration at Oakland University	Im, Piljae [ORNL]; Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1185773	Waste Heat to Power Market Assessment	Elson, Amelia [ICF International, Fairfax, VA (United States)]; Tidball, Rick [ICF International, Fairfax, VA (United States)]; Hampson, Anne [ICF International,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2015
1224757	Neutron Characterization of Additively Manufactured Components. Workshop Report	Watkins, Thomas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Payzant, E. Andrew [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015

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1224167	Develop Roll-to-Roll Manufacturing Process of ZrO <sub>2</sub> Nanocrystals/Acrylic Nanocomposites for High Refractive Index Applications	Joshi, Pooran C [ORNL]; Compton, Brett G [ORNL]; Li, Jianlin [ORNL]; Jellison Jr, Gerald Earle [ORNL]; Duvy, Chad E [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2015
1224749	Mining Archived HYSPEC User Data to Analyze the Prompt Pulse at the SNS	Smith, Michael B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Iverson, Erik B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2015
1212353	Evaluating Storage Systems for Lustr	Oral, H. Sarp [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/20/2015
1223676	Alternative Refrigerant Evaluation for High-Ambient-Temperature Environments: R-22 and R-410A Alternatives for Mini-Split Air Conditioners	Abdelaziz, Omar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shrestha, Som S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2015
1214515	Priority research areas to accelerate the development of practical ultraconductive copper conductors	Lee, Dominic F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Burwell, Malcolm [International Copper Association, Washington, DC]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2015
1195803	Variable Speed Heat Pump Sizing Guide for Mixed-Humid Climates	Munk, Jeffrey D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Odukomaia, Adewale [Georgia Inst. of Technology, Atlanta, GA]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2015
1209213	Alternative Refrigerant Evaluation for High-Ambient Temperature Environments: R-22 and R-410A Alternatives for Mini-Split Air Conditioners	Abdelaziz, Omar [ORNL]; Munk, Jeffrey D [ORNL]; Shrestha, Som S [ORNL]; Linkous, Randall Lee [ORNL]; Goetzler, William [Navigant Consulting]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1209212	Manufacturing Demonstration Facility: Roll-to-Roll Processing	Datskos, Panos G [ORNL]; Joshi, Pooran C [ORNL]; List III, Frederick Alyious [ORNL]; Duty, Chad E [ORNL]; Armstrong, Beth L [ORNL]; Ivanov, Iliia N	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1209200	Improving Fatigue Performance of AHSS Welds	Feng, Zhili [ORNL]; Yu, Xinghua [ORNL]; ERDMAN III, DONALD L [ORNL]; Wang, Yanli [ORNL]; Kelly, Steve [ArcelorMittal USA]; Hou, Wenkao [ArcelorMittal]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2015
1209215	Design of Experiment for Irradiation of Welded Candidate Fe-Cr-Al Alloys	Field, Kevin G [ORNL]; Howard, Richard H [ORNL]; Yamamoto, Yukinori [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2015
1185983	FY15 Status Report: CIRFT Testing of Spent Nuclear Fuel Rods from Boiler Water Reactor Limerick	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2015
1209207	Material Development for Tooling Applications Using Big Area Additive Manufacturing (BAAM)	Duty, Chad E [ORNL]; Drye, Tom [Techmer Engineering Solutions (ES)]; Franc, Alan [Techmer Engineering Solutions (ES)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2015
1209206	Understanding the Role of Hot Isostatic Pressing Parameters on the Microstructural Evolution of Ti-6Al-4V and Inconel 718 Fabricated by Electron Beam Melting	Peter, William H [ORNL]; Nandwana, Peeyush [ORNL]; Kirka, Michael M [ORNL]; Dehoff, Ryan R [ORNL]; Sames, William [Texas A&M University];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2015
1209199	Utility of Big Area Additive Manufacturing (BAAM) For The Rapid Manufacture of Customized Electric Vehicles	Love, Lonnie J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2015
1208782	Assessment of Fluctuating Reservoir Elevations Using Hydraulic Models and Impacts to Larval Pacific Lamprey Rearing Habitat in the Bonneville Pool	Mueller, Robert P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Rakowski, Cynthia L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Westsik, Joseph H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	2/24/2015
1186983	Secondary Waste Simulant Development for Cast Stone Formulation Testing	Russell, Renee L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Westsik, Joseph H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	4/1/2015
1224513	Supplemental Hazard Analysis and Risk Assessment - Hydrotreater	Lowry, Peter P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Wagner, Katie A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	4/1/2015
1188908	Responder Technology Alert (February 2015)	Upton, Jaki F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stein, Steven L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	4/10/2015
1208784	Laboratory Directed Research and Development Annual Report for 2014	Sullivan, Kelly O. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	4/14/2015
1186982	False Negative Rates of a Macrofoam-Swab Sampling Method with Low Surface Concentrations of Two Bacillus anthracis Surrogates via Real-Time PCR	Hutchison, Janine R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Piepel, Gregory F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	5/1/2015
1225163	HPC Analytics Support. Requirements for Uncertainty Quantification Benchmarks	Paulson, Patrick R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Purohit, Sumit [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	5/1/2015
1233488	Chemical Disposition of Plutonium in Hanford Site Tank Wastes	Delegard, Calvin H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jones, Susan A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	5/7/2015
1213017	Commercial Building Motor Protection Response Report	James, Daniel P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Kueck, John [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	6/17/2015
1209865	Pilot-Scale Biorefinery: Sustainable Transport Fuels from Biomass via Integrated Pyrolysis and Catalytic Hydroconversion - Wastewater Cleanup by Catalytic	Elliott, Douglas C. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Olarte, Mariefel V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	6/19/2015
1212245	Preserving Envelope Efficiency in Performance Based Code Compliance	Thornton, Brian A. [Thornton Energy Consulting (United States)]; Sullivan, Greg P. [Efficiency Solutions (United States)]; Rosenberg, Michael I.	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	6/20/2015
1225160	Front-end Electronics for Unattended Measurement (FEUM). Results of Prototype Evaluation	Conrad, Ryan C. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Keller, Daniel T. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	7/1/2015
1208783	Extended Leach Testing of Simulated LAW Cast Stone Monoliths	Serne, R. Jeffrey [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Westsik, Joseph H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	7/9/2015
1212244	Experimental Design for Hanford Low-Activity Waste Glasses with High Waste Loading	Piepel, Gregory F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Cooley, Scott K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	7/24/2015
1212246	Evaluation of DUSTRAN Software System for Modeling Chloride Deposition on Steel Canisters	Tran, Tracy T. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jensen, Philip J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)];	TR	PNNL	Pacific Northwest National Lab. (PNNL), Richland, WA (United States)	7/29/2015

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1224509	Increasing the resilience and security of the United States' power infrastructure	Happenny, Sean F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/1/2015
1224510	Securing the United States' power infrastructure	Happenny, Sean F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/1/2015
1224511	Facilitation of the Estuary/Ocean Subgroup and the Expert Regional Technical Group, Annual Report for 2015	Johnson, Gary E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/1/2015
1224514	Assessment of Hexavalent Chromium Natural Attenuation for the Hanford Site 100 Area	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Szecssody, James E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2015
1224515	Conceptual Model of Iodine Behavior in the Subsurface at the Hanford Site	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Lee, Brady D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2015
1224516	Deep Vadose Zone Treatability Test for the Hanford Central Plateau. Interim Post-Desiccation Monitoring Results, Fiscal Year 2015	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Strickland, Christopher E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2015
1224517	Evaluating Contaminant Flux from the Vadose Zone to the Groundwater in the Hanford Central Plateau. SX Tank Farms Case Study	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Oostrom, Martinus [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2015
1224518	Evaluating Transport and Attenuation of Inorganic Contaminants in the Vadose Zone for Aqueous Waste Disposal Sites	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Oostrom, Martinus [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2015
1225161	Energy Savings of Low-E Storm Windows and Panels across US Climate Zones	Culp, Thomas D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Cort, Katherine A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	10/1/2015
1225162	Global Social Media Directory. A Resource Guide	Noonan, Christine F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Piatt, Andrew W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	10/1/2015
1178862	Multiscale Computation. Needs and Opportunities for BER Science	Scheibe, Timothy D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Smith, Jeremy C. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/1/2015
1178865	Responder Technology Alert Monthly (Oct-Nov 2014)	Upton, Jaki F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stein, Steven L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/21/2015
1194302	National Cost-effectiveness of ANSI/ASHRAE/IES Standard 90.1-2013	Hart, Philip R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Athalye, Rahul A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/29/2015
1213016	Methodology for Evaluating Cost-effectiveness of Commercial Energy Code Changes	Hart, Philip R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Liu, Bing [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/31/2015
1178864	Responder Technology Alert Monthly (January 2015)	Upton, Jaki F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stein, Steven L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/1/2015
1178866	Buildings of the Future Scoping Study: A Framework for Vision Development	Wang, Na [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Goins, John D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/1/2015
1194301	Climate Change and the Los Alamos National Laboratory. The Adaptation Challenge	Fowler, Kimberly M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hieresen, Dennis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/1/2015
1222905	Buildings interoperability landscape - Draft	Hardin, Dave B. [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]; Stephan, Eric G. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/1/2015
1178863	Responder Technology Alert Monthly (December 2014)	Upton, Jaki F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stein, Steven L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/13/2015
1203910	OpenEIS. Users Guide	Kim, Woohyun [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Lutes, Robert G. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/28/2015
1178858	Annual Report for the QCL Calibration Project	Bernacki, Bruce E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Brauer, Carolyn S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1178859	SPSP Phase III Recruiting, Selecting, and Developing Secure Power Systems Professionals: Behavioral Interview Guidelines by Job Roles	O'Neil, Lori Ross [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Conway, T. J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1178860	SPSP Phase III Recruiting, Selecting, and Developing Secure Power Systems Professionals. Individual and Team Performance Guidelines	O'Neil, Lori Ross [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Conway, T. J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1178861	SPSP Phase III Recruiting, Selecting, and Developing Secure Power Systems Professionals. Job Profiles	O'Neil, Lori Ross [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Conway, T. J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1228354	Development of a SPARK Training Dataset	Sayre, Amanda M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Olson, Jarrod R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1183626	Fuel Thermo-physical Characterization Project. Fiscal Year 2014 Final Report	Burkes, Douglas [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Casella, Andrew M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/15/2015
1184298	Environmental, Transient, Three-Dimensional, Hydrothermal, Mass Transport Code - FLESCOT	Onishi, Yasuo [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Bao, Jie [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/28/2015
1182945	Assessment of Cable Aging Equipment, Status of Acquired Materials, and Experimental Matrix at the Pacific Northwest National Laboratory	Fifield, Leonard S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Westman, Matthew P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/30/2015
1184299	Evaluation of Settler Tank Thermal Stability during Solidification and Disposition to ERDF	Stephenson, David E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Delegard, Calvin H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/30/2015

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1203914	Technical Approach for Determining Key Parameters Needed for Modeling the Performance of Cast Stone for the Integrated Disposal Facility Performance Assessment	Yabusaki, Steven B. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Serne, R. Jeffrey [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/30/2015
1179143	Recovery Efficiency, False Negative Rate, and Limit of Detection Performance of a Validated Macrofoam-Swab Sampling Method with Low Surface Concentrations of Two	Piepel, Gregory F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hutchison, Janine R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/31/2015
1182343	De Minimis Thresholds for Federal Building Metering Appropriateness	Henderson, Jordan W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/31/2015
1183629	Field Evaluation of the Performance of the RTU Challenge Unit. Daikin Rebel	Wang, Weimin [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Katipamula, Srinivas [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/31/2015
1184297	Factors affecting route selection and survival of steelhead kelts at Snake River dams in 2012 and 2013	Harnish, Ryan A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Colotelo, Alison H. A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/31/2015
1203911	OpenEIS. Developer Guide	Lutes, Robert G. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Neubauer, Casey C. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/31/2015
1222910	LED system performance in a trial installation - one year later: Yuma border patrol, Yuma, Arizona	Wilkerson, Andrea M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Davis, Robert G. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/1/2015
1178500	Metering Best Practices. A Guide to Achieving Utility Resource Efficiency, Release 3.0	Parker, Steven A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hunt, W. D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/5/2015
1182946	Scoping Study of Airlift Circulation Technologies for Supplemental Mixing in Pulse Jet Mixed Vessels	Schonewill, Philip P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Berglin, Eric J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/7/2015
1203912	Characteristics and Performance of Existing Load Disaggregation Technologies	Mayhorn, Ebony T. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Sullivan, Greg P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/10/2015
1179142	Stochastic Operations and Planning	Makarov, Yuri V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Diao, Ruisheng [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/30/2015
1203913	Rooftop Unit Comparison Calculator User Manual	Miller, James D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/30/2015
1182344	Design of the Laboratory-Scale Plutonium Oxide Processing Unit in the Radiochemical Processing Laboratory	Lumetta, Gregg J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Meier, David E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/1/2015
1228351	Effects Influencing Plutonium-Absorber Interactions and Distributions in Routine and Upset Waste Treatment Plant Operations	Delegard, Calvin H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Sinkov, Sergeev I. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/1/2015
1228357	Methods for Quantifying the Uncertainties of LSIT Test Parameters, Test Results, and Full-Scale Mixing Performance Using Models Developed from Scaled Test	Piepel, Gregory F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Cooley, Scott K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/1/2015
1179519	Modeling to Support the Development of Habitat Targets for Piping Plovers on the Missouri River	Buenau, Kate E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/5/2015
1183627	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - Second FY 2015 Quarterly Report	Nguyen, Ba Nghiep [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/19/2015
1194304	Field Testing and Demonstration of the Smart Monitoring and Diagnostic System (SMDS) for Packaged Air-Conditioners and Heat Pumps	Taasevigen, Danny J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Brambley, Michael R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/29/2015
1194305	Energy and Energy Cost Savings Analysis of the 2015 IECC for Commercial Buildings	Zhang, Jian [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Xie, YuLong [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	6/1/2015
1214904	Rainwater harvesting state regulations and technical resources	Loper, Susan A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	6/1/2015
1194303	Rolling Process Modeling Report. Finite-Element Model Validation and Parametric Study on various Rolling Process parameters	Soulami, Ayoub [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Lavender, Curt A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	6/15/2015
1222908	Separation of tritiated water using graphene oxide membrane	Sevigny, Gary J. [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]; Motkuri, Radha K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	6/28/2015
1209866	Hydrogen Gas Retention and Release from WTP Vessels: Summary of Preliminary Studies	Gauglitz, Phillip A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Bontha, Jagannadha R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	7/1/2015
1214903	Federal metering data analysis needs and existing tools	Henderson, Jordan W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fowler, Kimberly M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	7/1/2015
1222907	Predictive engineering tools for injection-molded long-carbon-fiber thermoplastic composites - FY 2015 third quarterly report	Nguyen, Ba Nghiep [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	7/1/2015
1222903	Transaction-based building controls framework, Volume 2: Platform descriptive model and requirements	Akyol, Bora A. [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]; Haack, Jereme N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	7/31/2015
1221500	The Emerging Interdependence of the Electric Power Grid & Information and Communication Technology	Taft, Jeffrey D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Becker-Dippmann, Angela S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	8/1/2015
1211559	Vulnerability Assessments and Resilience Planning at Federal Facilities. Preliminary Synthesis of Project	Moss, R. H. [Pacific Northwest National Lab. (PNNL)/Univ. of Maryland, College Park, MD (United States)]. Joint Global Change Research Inst.; Blohm, [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	8/15/2015
1214905	Energy and Energy Cost Savings Analysis of the 2015 IECC for Commercial Buildings	Zhang, Jian [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]; Xie, YuLong [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	9/1/2015

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1222911	Enhancing international radiation/nuclear detection training opportunities	Williams, Thomas L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Bersell, Bridget M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	9/23/2015
1222909	Part-load performance characterization and energy savings potential of the RTU challenge unit: Carrier weather expert	Wang, Weimin [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Katipamula, Srinivas [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	9/29/2015
1222904	Detection of forced oscillations in power systems with multichannel methods	Follum, James D. [Pacific Northwest National Laboratory (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	9/30/2015
1222906	Rooftop unit embedded diagnostics: Automated fault detection and diagnostics (AFDD) development, field testing and validation	Katipamula, Srinivas [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Kim, Woohyun [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	9/30/2015
1179520	Toxicity of Uranium Adsorbent Materials using the Microtox Toxicity Test	Park, Jiyeon [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jeters, Robert T. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	10/1/2015
1228352	Evaluation of Technetium Getters to Improve the Performance of Cast Stone	Neeaway, James J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Qafoku, Nikolla P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	11/1/2015
1228353	Office of River Protection Advanced Low-Activity Waste Glass Research and Development Plan	Peeler, David K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Kim, Dong-Sang [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	11/1/2015
1188907	Nanocrystalline SiC and Ti<sub>3</sub>SiC<sub>2</sub> Alloys for Reactor Materials: Annual Report	Henager, Charles H. [PNNL]; Alvine, Kyle J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Roosendaal, Timothy J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/15/2015
1176823	BOCC Blueprint	Belew, Shan T.	TR	PNNL	Pacific Northwest National Laboratory	1/8/2015
1169376	Roadmap for the Future of Commercial Energy Codes	Rosenberg, Michael I.; Hart, Philip R.; Zhang, Jian; Athalye, Rahul A.	TR	PNNL	Pacific Northwest National Laboratory	1/26/2015
1177306	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY 2015 First Quarterly Report	Nguyen, Ba Nghiep [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/29/2015
1172434	Hydrodynamic Modeling Analysis for Leque Island and zisaba Restoration Feasibility Study	Whiting, Jonathan M.; Khangaonkar, Tarang	TR	PNNL	Pacific Northwest National Laboratory	1/31/2015
1177302	Mitigation and Prediction of Spallation of Oxide Scales on Ferritic Stainless Steel	Chou, Y. S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stephens, Elizabeth V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/4/2015
1173024	End-Use Opportunity Analysis from Progress Indicator Results for ASHRAE Standard 90.1-2013	Hart, Philip R.; Xie, Yulong	TR	PNNL	Pacific Northwest National Laboratory	2/5/2015
1177301	Fuel Thermo-physical Characterization Project: Evaluation of Models to Calculate Thermal Diffusivity of Layered Composites	Burkes, Douglas [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Casella, Amanda J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/11/2015
1171277	Technetium and Iodine Getters to Improve Cast Stone Performance	Qafoku, Nikolla [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Neeaway, James J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	2/19/2015
1177708	Concept Feasibility Report for Electroplating Zirconium onto Uranium Foil - Year 2	Coffey, Greg W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Meinhardt, Kerry D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1177710	The Microstructure of Rolled Plates from Cast Billets of U-10Mo Alloys	Nyberg, Eric A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Joshi, Vineet V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1226416	DUSTRAN 2.0 User's Guide: A GIS-Based Atmospheric Dust Dispersion Modeling System	Shaw, William J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Rutz, Frederick C. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2015
1176825	Grid Architecture	Taft, Jeffrey D.; Becker-Dippmann, Angela S.	TR	PNNL	Pacific Northwest National Laboratory	3/2/2015
1177709	Integration of a Self-Coherence Algorithm into DISAT for Forced Oscillation Detection	Follum, James D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Tuffner, Francis K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/3/2015
1173025	Guidelines for Building Science Education	Metzger, Cheryn E.; Rashkin, Samuel; Huelman, Pat	TR	PNNL	Pacific Northwest National Laboratory	3/11/2015
1177303	Analysis of Large-Capacity Water Heaters in Electric Thermal Storage Programs	Cooke, Alan L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Anderson, David M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/17/2015
1177304	Effects of Humidity on Solid Oxide Fuel Cell Cathodes	Hardy, John S. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Stevenson, Jeffry W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/17/2015
1177305	Evaluation of the Demand Response Performance of Electric Water Heaters	Mayhorn, Ebony T. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Widder, Sarah H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/17/2015
1176824	Fast Pyrolysis and Hydrotreating: 2014 State of Technology R&D and Projections to 2017	Jones, Susanne B.; Snowden-Swan, Lesley J.; Meyer, Pimphan A.; Zacher, Alan H.; Olarte, Mariefel V.; Drennan, Corinne	TR	PNNL	Pacific Northwest National Laboratory	3/20/2015
1182944	Transmission Reinforcements in the Central American Power System Phase 2 - Final report	Elizondo, Marcelo A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Samaan, Nader A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	4/30/2015
1226417	The Power of Integrators, Financiers, and Insurers to Reduce Proliferation Risks: Nuclear Dual-Use Goods	Weise, Rachel A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	5/1/2015
1183628	Marine Sciences Laboratory Radionuclide Air Emissions Report for Calendar Year 2014	Snyder, Sandra F.; Barnett, J. Matthew	TR	PNNL	Pacific Northwest National Laboratory	5/4/2015

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1203909	Final Report: Nanolayered, self-healing radiation shielding foils	Henager, Charles H.; Setyawan, Wahyu	TR	PNNL	Pacific Northwest National Laborator	6/10/2015
1209867	National Cost-Effectiveness Analysis of the Residential Provisions of the 2015 IECC	Mendon, Vrushali V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Selvacanabady, Abinesh [Pacific Northwest National	TR	PNNL	Pacific Northwest National Laborator	6/10/2015
1226413	Thermal and Optical Properties of Low-E Storm Windows and Panels	Culp, Thomas D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Widder, Sarah H. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laborator	7/17/2015
1233489	Implications of Upwells as Hydrodynamic Jets in a Pulse Jet Mixed System	Pease, Leonard F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Bamberger, Judith A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laborator	8/1/2015
1224512	Hydrothermal Liquefaction Treatment Preliminary Hazard Analysis Report	Lowry, Peter P.; Wagner, Katie A.	TR	PNNL	Pacific Northwest National Laborator	8/31/2015
1225159	Front-end Electronics for Unattended Measurement (FEUM). Prototype Test Plan	Conrad, Ryan C.; Morris, Scott J.; Smith, Leon E.; Keller, Daniel T.	TR	PNNL	Pacific Northwest National Laborator	9/16/2015
1226414	Pacific Northwest National Laboratory Annual Site Environmental Report for Calendar Year 2014	Duncan, Joanne P.; Sackschewsky, Michael R.; Tilden, Harold T.; Su-Coker, Jennifer; Mendez, Jennifer L.; Ballinger, Marcel Y.; Fritz, Brad G.;	TR	PNNL	Pacific Northwest National Laborator	9/28/2015
1224519	Performance Assessment for Pump-and-Treat Closure or Transition	Truex, Michael J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Johnson, Christian D. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Laborator	9/29/2015
1227049	Restoring Detroit's Street Lighting System	Kinzey, Bruce R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laborator	10/21/2015
1226415	Economic Impact of Pacific Northwest National Laboratory on the State of Washington in Fiscal Year 2014	Scott, Michael J.; Niemeyer, Jackie M.	TR	PNNL	Pacific Northwest National Laborator	11/9/2015
1228355	Framework for Modeling High-Impact, Low-Frequency Power Grid Events to Support Risk-Informed Decisions	Veeramany, Arun; Unwin, Stephen D.; Coles, Garill A.; Dagle, Jeffery E.; Millard, W. David; Yao, Juan; Glantz, Clifford S.; Gourisetti, Sri Nikhil Gup	TR	PNNL	Pacific Northwest National Laborator	12/3/2015
1212810	Determining Reduced Order Models for Optimal Stochastic Reduced Order Models	Bonney, Matthew S. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Brake, Matthew R.W. [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	8/1/2015
1225830	Single-Volume Neutron Scatter Camera for High-Efficiency Neutron Imaging and Source Characterization. Year 2 of 3 Summary	Brubaker, Erik [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	10/1/2015
1225831	Enabling Explosives and Contraband Detection with Neutron Resonant Attenuation. Year 1 of 3 Summary	Sweany, Melinda [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	10/1/2015
1227237	An Asynchronous Many-Task Implementation of In-Situ Statistical Analysis using Legion.	Pebay, Philippe Pierre [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Bennett, Janine Camille [Sandia National Lab. (SNL-CA), Livermore,	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	11/1/2015
1168432	The Science of Battery Degradation	Sullivan, John P. [Sandia National Lab. (SNL-CA), Livermore, CA (United States). Materials Physics]; El Gabaly Marquez, Farid [Sandia National Lab. (SNL-	TR	SNL	Sandia National Lab. (SNL-CA), Livermore, CA (United States); Sandia National Lab. (SNL-NM),	1/1/2015
1227342	Climate Induced Spillover and Implications for U.S. Security.	Tidwell, Vincent C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Naugle, Asmeret Bier [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	11/1/2015
1232609	Advanced Solar Resource Modeling and Analysis Final Technical Report	Hansen, Clifford W.	TR	SNL	Sandia National Laboratories (SNL), A	9/30/2015
1232610	FY15 Final Technical Report for DOE SunShot	Stein, Joshua S.	TR	SNL	Sandia National Laboratories (SNL), A	9/30/2015
1177372	Annual Report FY2014 Alternative Fuels DISI Engine Research.	Sjoberg, Carl-Magnus G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	1/1/2015
1170619	Using Discrete Event Simulation for Programming Model Exploration at Extreme-Scale: Macroscale Components for the Structural Simulation Toolkit (SST).	Wilke, Jeremiah J [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Kenny, Joseph P. [Sandia National Laboratories (SNL-CA),	TR	SNL	Sandia National Laboratories (SNL-CA)	2/1/2015
1171598	A Divergence Statistics Extension to VTK for Performance Analysis.	Pebay, Philippe Pierre; Bennett, Janine Camille	TR	SNL	Sandia National Laboratories (SNL-CA)	2/1/2015
1171659	Preliminary study of the inclusion of Water-based Liquid Scintillator in the WATCHMAN Detector.	Sweany, Melinda; Feng, Patrick L; Marleau, Peter	TR	SNL	Sandia National Laboratories (SNL-CA)	2/1/2015
1171660	2nd Sandia Fracture Challenge Summit: Sandia California's Modeling Approach.	Karlson, Kyle N.; Brown, Arthur; Foulk, James W.,	TR	SNL	Sandia National Laboratories (SNL-CA)	2/1/2015
1171987	Modeling the Coupled Chemo-Thermo-Mechanical Behavior of Amorphous Polymer Networks.	Zimmerman, Jonathan A.; Nguyen, Thao D.; Xiao, Rui	TR	SNL	Sandia National Laboratories (SNL-CA)	2/1/2015
1170516	Path Scan Operational Data-Based Test Report	Hurd, Steven A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	2/13/2015
1172608	2014 Annual Facility Report.	Crawford, Lisa	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2015
1177391	Non-Electric/Non-Semiconductor Research Activities Using Sulfur Hexafluoride at Sandia National Laboratories, Livermore CA	Gardizi, Leslee P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2015
1177603	Development of Quality Assessment Techniques for Large Eddy Simulation of Propulsion and Power Systems in Complex Geometries	Lacaze, Guilhem [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Oefelein, Joseph [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2015



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1177722	Ten-Year Site Plan. Fiscal Year 2016.	Vrieling, P. Douglas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	4/1/2015
1179041	Test and Evaluation (T&E) Activity 2 Functional Testing Results CodeDNA Version 2.0	Hurd, Steven A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	4/1/2015
1182678	Flywheels	Bender, Donald Arthur [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	5/1/2015
1184072	Site Environmental Report for 2014 SNL/CA	Larsen, Barbara L. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	6/1/2015
1202010	Development and Evaluation of a Sandia Cooler-based Refrigerator Condenser	Johnson, Terry A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kariya, Harumichi Arthur [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	7/1/2015
1202012	SHERPA DHS HS-STEM Summer Internship Summary Paper	Smith, Max Olan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	7/1/2015
1209886	Basic Research of Intrinsic Tamper Indication Markings Defined by Pulsed Laser Irradiation (Quad Chart).	Moody, Neville R. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	8/1/2015
1221857	Low Rank Approximation-based Quadrature for Fast Evaluation of Multi-Particle Integrals	Rai, Prashant [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sargsyan, Khachik [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	8/1/2015
1221706	Stainless Steel Permeability	Buchenauer, Dean A. [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Karnesky, Richard A. [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1221862	A Study of the Optical Properties of Ice Crystals with Black Carbon Inclusions	Arienti, Marco [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Yang, Xiaoyuan [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1222536	Portable microfluidic raman system for rapid, label-free early disease signature detection	Wu, Meiye [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Davis, Ryan Wesley [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1222537	Hydrogen isotope MicroChemLab FY15.	Robinson, David [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Luo, Weifang [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1222665	Understanding H isotope adsorption and absorption of Al-alloys using modeling and experiments (LDRD: #165724)	Ward, Donald K. [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]; Zhou, Xiaowang [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1222988	Costa - Introduction to 2015 Annual Report	Costa, James E. [Sandia National Laboratories (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1227346	Final Report: Sublinear Algorithms for In-situ and In-transit Data Analysis at Exascale.	Bennett, Janine Camille [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Pinar, Ali [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1227349	Estimation of changes in insulation resistance with various design parameters of interdigitated wire loops.	Cordaro, Joseph Gabriel [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Jones, Reese E. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1225832	Advanced Imaging Algorithms for Radiation Imaging Systems	Marleau, Peter [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1225853	Comparison of Ring-Buffer-Based Packet Capture Solutions	Barker, Steven Andrew [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1226255	Parallel Tensor Compression for Large-Scale Scientific Data.	Kolda, Tamara G. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Ballard, Grey [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1227350	Scintillating Cocktail Mixtures and the Role of Water on the Optophysical Properties.	Cordaro, Joseph Gabriel [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Feng, Patrick L. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1226005	Triangular Alignment (TAME). A Tensor-based Approach for Higher-order Network Alignment	Mohammadi, Shahin [Purdue Univ., West Lafayette, IN (United States)]; Gleich, David F. [Purdue Univ., West Lafayette, IN (United States)]; Kolda, Tamara [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	11/1/2015
1172272	Enabling the First Ever Measurement of Coherent Neutrino Scattering Through Background Neutron Measurements.	Reyna, David; Betty, Rita	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2015
1177839	Multiphysics Model of Palladium Hydride Isotope Exchange Accounting for Higher Dimensionality	Gharagozloo, Patricia E.; Eliassi, Mehdi; Bon, Bradley Luis	TR	SNL	Sandia National Laboratories (SNL-CA)	3/1/2015
1178361	Numerical Simulations of Subscale Wind Turbine Rotor Inboard Airfoils at Low Reynolds Number	Blaylock, Myra L. [Sandia National Lab. (SNL-CA), Livermore, CA (United States). Thermal/ Fluid Sciences & Engineering Dept.]; Maniaci, David [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	4/1/2015
1212809	R&D for Safety Codes and Standards: Materials and Components Compatibility	Somerday, Brian P. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; LaFleur, Chris [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	8/1/2015
1214305	Design of the cryogenic hydrogen release laboratory	Hecht, Ethan S. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Zimmerman, Mark D. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1221181	Calibration and Forward Uncertainty Propagation for Large-eddy Simulations of Engineering Flows	Templeton, Jeremy Alan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Blaylock, Myra L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1221517	Predicting growth of graphene nanostructures using high-fidelity atomistic simulations	McCarty, Keven F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Zhou, Xiaowang [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015
1221713	Low-Afterglow Scintillators for High-Rate Radiation Detection	Feng, Patrick L. [Sandia National Laboratories, Albuquerque, NM (United States)]; Chandler, Gordon A. [Sandia National Laboratories, Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	9/1/2015

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1222927	Ion-conduction mechanisms in NaSICON-type membranes for energy storage and utilization	McDaniel, Anthony H. [Sandia National Laboratories (SNL-CA), Livermore, CA (United States); Sandia National Laboratories, Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1227805	Quantum mechanical studies of carbon structures	Bartelt, Norman Charles [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Ward, Donald [Sandia National Lab. (SNL-CA), Livermore, CA]	TR	SNL	Sandia National Laboratories (SNL-CA)	10/1/2015
1192539	Report on a Zero-Knowledge Protocol Tabletop Exercise.	Marleau, Peter [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brubaker, Erik [Sandia National Lab. (SNL-NM), Albuquerque, NM]	TR	SNL	Sandia National Laboratories (SNL-CA)	6/1/2015
1167406	Security camera resolution measurements: Horizontal TV lines versus modulation transfer function measurements.	Birch, Gabriel Carlisle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Griffin, John Clark [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1167408	A complexity science-based framework for global joint operations analysis to support force projection: LDRD Final Report	Lawton, Craig R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). System Sustainment & Readiness Technologies Dept.]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1167409	IDC reengineering Phase 2 & 3 US industry standard cost estimate summary	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Huelskamp, Robert M. [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1167411	Motion measurement for synthetic aperture radar	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1167670	Materials compatibility and aging for flux and cleaner combinations	Archuleta, Kim M. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Piatt, Rochelle [Sandia National Laboratories (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1167671	Derivation of an applied nonlinear Schroedinger equation	Pitts, Todd Alan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Laine, Mark Richard [Sandia National Laboratories (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1168946	Turbocharging Quantum Tomography	Blume-Kohout, Robin J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Gamble, John King [Sandia National Laboratories (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1168984	Aleph Field Solver Challenge Problem Results Summary	Hooper, Russell [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Moore, Stan Gerald [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1169443	Experiments to Populate and Validate a Processing Model for Polyurethane Foam: Additional Data for Structural Foams.	Rao, Rekha R.; Celina, Mathias C.; Giron, Nicholas Henry; Long, Kevin Nicholas; Russick, Edward M.	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1169446	Risk Management for Sodium Fast Reactors.	Denman, Matthew R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Groth, Katrina [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1169447	Precursor Report of Data Needs and Recommended Practices for PV Plant Availability Operations and Maintenance Reporting.	Hill, Roger R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Photovoltaic and Distributed Systems Integration]; Klise, Geoffrey	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1169932	Proceedings of the 5th US/German Workshop on Salt Repository Research Design and Operation	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Leigh, Christi [Sandia National Lab. (SNL-NM), Albuquerque, NM]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177093	Large scale tracking algorithms.	Hansen, Ross L.; Love, Joshua Alan; Melgaard, David Kenneth; Karelitz, David B.; Pitts, Todd Alan; Zollweg, Joshua David; Anderson, Dylan Z.; Nandy, Nandy	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177371	Tilt Magnetic Field Studies of Quantum Hall Effect in a High Quality Si/SiGe Quantum Well.	Shi, Xiaoyan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lu, Tzu-Ming [Sandia National Lab. (SNL-NM), Albuquerque, NM]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177373	Systems Measures of Water Distribution System Resilience	Klise, Katherine A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Murray, Regan [Sandia National Lab. (SNL-NM), Albuquerque, NM]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177375	Laminar Heating Correlations for Tunnel 9 COTE Tests	Wagnild, Ross Martin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Engineering Sciences Center]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177376	Historical Survey: German Research on Hydrogen Peroxide/Alcohol Explosives.	Parmeter, John E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177377	Tissue Classification	Robinson, David Gerald [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177379	NMSBA: Aken Technologies. Final Report: Toxicity Testing of Liquidoff	Ruffing, Anne [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jensen, Travis J. [Sandia National Lab. (SNL-NM), Albuquerque, NM]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177381	Analysis of BLT data from VKI Longshot Facility	Wagnild, Ross Martin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177382	Competing Quantum Hall Phases in the Second Landau Level in Low Density Limit	Pan, Wei [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Serafin, A. [Univ. of Florida, Gainesville, FL (United States). National	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177383	Coupled optical/thermal/fluid analysis and design requirements for operation and testing of a supercritical CO <sub>2</sub> solar receiver.	Khivarsa, Sagar [Indian Institute of Science, Bangalor (India)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177384	Integrated Vulnerability and Impacts Assessment for Natural and Engineered Water-Energy Systems in the Southwest and Southern Rocky Mountain Region	Tidwell, Vincent C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wolfsberg, Andrew [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1177385	Sandia Collaboration notes with Vladimir Glebov from LLE Data from Satire Shots 2751 and 2752	Chandler, Gordon A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1214306	Input-output model for MACCS nuclear accident impacts estimation <sup>A1</sup>	Outkin, Alexander V. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bixler, Nathan E. [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/27/2015
1169933	Portable File Format (PFF) specifications	Dolan, Daniel H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015

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1169934	Tierless Programming for the Internet of Things	Decker, Brett [Brown Univ., Providence, RI (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170250	Cure shrinkage in casting resins	Spencer, J. Brock [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170251	A low-density potting compound	Quant, A. J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170252	Acceptance Equipment System Data Acquisition and Processing Utility	Fakhro, Rowan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170289	Algorithm Improvement Program Nuclide Identification Algorithm Scoring Criteria And Scoring Application - DNDO.	Enghauser, Michael [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170290	V&V Framework Part 1 Release	Hills, Richard G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Maniaci, David Charles [Sandia National Lab. (SNL-NM)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170293	IDC Use Case Model Survey Version 1.1.	Harris, James Mark [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carr, Dorthie B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170294	IDC System Specification Document Version 1.1.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lober, Randall R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170401	Field-scale Thermal Testing in a Generic Salt Disposal Environment Underground Research Laboratory (URL): Delineation of Principal Purpose Objectives and	Sassani, David C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hardin, Ernest L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170403	Nitrogen Monitoring of West Hackberry 117 Cavern Wells	Bettin, Georgia [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lord, David L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170406	Thermal Diffusivity and Specific Heat Measurements of Titanium Potassium Perchlorate Titanium Subhydride Potassium Perchlorate 9013 Glass 7052 Glass SB-14 Glass	Specht, Paul Elliott [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Marcia A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170509	International Nuclear Safeguards at Sandia	Sternat, Matthew R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170510	Nested Narratives Final Report	Wilson, Andrew T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Pattengale, Nicholas D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170511	Focal Plane Arrays (FPA) for Treaty Monitoring	Schunk, Peter Randall [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170512	A Statistical Perspective on Highly Accelerated Testing	Thomas, Edward V. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170513	General Purpose Graphics Processing Unit Based High-Rate Rice Decompression and Reed-Solomon Decoding	Loughry, Thomas A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170515	Evaluation of various interpolants available in DICE	Turner, Daniel Z. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Reu, Phillip L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170618	DOE/EPRI Electricity Storage Handbook in Collaboration with NRECA.	Akhil, Abbas Ali [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Huff, Georgianne [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171132	Milestones for Selection, Characterization, and Analysis of the Performance of a Repository for Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain.	Rechard, Robert P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171133	IDC Reengineering Phase 2 Project Scope.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171134	Final Report MEPV	Nielson, Gregory [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171595	Radar Design to Protect Against Surprise.	Doerry, Armin W.	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171596	Sandia Data Archive (SDA) file specifications.	Dolan, Daniel H.; Ao, Tommy	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171597	Understanding the Electrical Interplay Between a Firing Set and Exploding Metal.	O'Malley, Patrick D.; Garasi, Christopher J.	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171599	Improvements to address issues leading to cancellation of the July 2014 Plutonium shot.	Benage, John F.,	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171600	NMSBA: Aken Technologies Final Report: Toxicity Testing of Liquidoff.	Ruffing, Anne; Jensen, Travis; Strickland, Lucas	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171601	Presentation of Fukushima Analyses to U.S. Nuclear Power Plant Simulator Operators and Vendors.	Osborn, Douglas; Kalinich, Donald A.; Cardoni, Jeffrey N	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171602	Equation of State Model Quality Study for Ti and Ti64.	Wills, Ann Elisabet; Sanchez, Jason James	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171939	Scaling to Nanotechnology Limits with the PIMS Computer Architecture and a new Scaling Rule.	Debenedictis, Erik	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015

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1171940	Data on MOS Hall Bars 1410-1413.	Ward, Daniel Robert	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1171941	Impact of Materials Processing on Microstructural Evolution and Hydrogen Isotope Storage Properties of Pd-Rh Alloy Powders.	Yee, Joshua K	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1177755	Small-Scale Experiments-Sandia Instrumented Thermal Ignition (SITI) testing summary	Kaneshige, Michael J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Snedigar, Shane [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1170404	Chemical Waste Landfill Annual Post-Closure Care Report Calendar Year 2014	Mitchell, Michael Marquand [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Little, Bonnie Colleen [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172175	Spirent 10G test of Trustwave WebDefend RFC-2889.	Peterson, Nicholas Ryan	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172176	Using High Performance Computing to Examine the Processes of Neurogenesis Underlying Pattern Separation/Completion of Episodic Information.	Aimone, James Bradley; Betty, Rita	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172177	Cavern/Vault Disposal Concepts and Thermal Calculations for Direct Disposal of 37-PWR Size DPCs.	Hardin, Ernest; Hadgu, Teklu; Clayton, Daniel James	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172476	On the Feasibility of Charged Particle-Beam Preheat for MagLIF.	Slutz, Stephen A.	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172610	CCC7 Cielo Report.	Lofstead, Gerald Fredrick	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1172611	Engineering Assessment and Certification of Integrity of the Building 943 Tank System.	Abri Environmental Engineering Inc.	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177156	Laboratory Building.	Herrera, Joshua M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177157	Parameter Estimation for Single Diode Models of Photovoltaic Modules	Hansen, Clifford [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Photovoltaic and Distributed Systems Integration Dept.]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177158	Sandia_HighTemperatureComponentEvaluation_2015.	Cashion, Avery T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177159	Experimental Evaluation of the Free Piston Engine - Linear Alternator (FPLA).	Leick, Michael T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Moses, Ronald W. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177387	CCC7-119 Reactive Molecular Dynamics Simulations of Hot Spot Growth in Shocked Energetic Materials	Thompson, Aidan P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177388	An Elastic Plastic Contact Model with Strain Hardening for the LAMMPS Granular Package	Kuhr, Bryan [Virginia Polytechnic Inst. and State Univ. (Virginia Tech), Blacksburg, VA (United States)]; Brake, Matthew Robert [Sandia National	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177389	ASC-ATDM Performance Portability Requirements for 2015-2019	Edwards, Harold C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Computing Research Center]; Trott, Christian Robert [Sandia	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177390	Submittal of SWMU Assessment Report for Building 9960 Surface Discharge	Dotson, Patrick Wells [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177593	2015 NICE Workshop Report	Okandan, Murat [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177594	SAR Image Complex Pixel Representations	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177595	GMTI Direction of Arrival Measurements from Multiple Phase Centers.	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bickel, Douglas L. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177596	Limits to Clutter Cancellation in Multi-Aperture GMTI Data	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bickel, Douglas L. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177597	Systems-Level Synthetic Biology for Advanced Biofuel Production	Ruffing, Anne [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jensen, Travis J. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177598	Visualization for Hyper-Heuristics. Front-End Graphical User Interface	Kroenung, Lauren [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177599	A Comparison of Genetic Programming Variants for Hyper-Heuristics	Harris, Sean [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177600	Visualization for Hyper-Heuristics: Back-End Processing	Simon, Luke [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177601	Enabling Secure Scalable Microgrids with High Penetration Renewables	Wilson, David G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Wilson, David G. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177602	Arctic Climate Systems Analysis	Ivey, Mark D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Robinson, David G. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177720	Analysis of Multi-Arm Caliper Data for the U.S. Strategic Petroleum Reserve	Roberts, Barry L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015

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1177756	Submerged Medium Voltage Cable Systems at Nuclear Power Plants. A Review of Research Efforts Relevant to Aging Mechanisms and Condition Monitoring	Brown, Jason [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bernstein, Robert [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177757	Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems	Gonzalez, Sigifredo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Newmiller, Jeff [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177758	Literature Survey of Crude Oil Properties Relevant to Handling and Fire Safety in Transport.	Lord, David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Luketa, Anay [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177840	Guide to Using Sierra	Shaw, Ryan Phillip [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Agelastos, Anthony Michael [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177841	Analysis of Dust Samples Collected from an Unused Spent Nuclear Fuel Interim Storage Container at Hope Creek, Delaware.	Bryan, Charles R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Enos, David [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2015
1177723	Modeling a Newtonian Fluid with a Rate-Dependent, Von Mises Plasticity Model for Solid Mechanics Applications	Long, Kevin Nicholas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ford, Kurtis Ross [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177759	TWT Complex Cavity Geometry	Arunajatesan, Srinivasan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Casper, Katya [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177760	Preliminary Assessment of Tecplot Chorus for Analyzing Ensemble of CTH Simulations	Agelastos, Anthony Michael [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Stevenson, Joel O. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177761	Modeling an Application's Theoretical Minimum and Average Transactional Response Times	Paiz, Mary Rose [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177842	Advance Liquid Metal Reactor Discrete Dynamic Event Tree/Bayesian Network Analysis and Incident Management Guidelines (Risk Management for Sodium	Denman, Matthew R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Groth, Katrina M. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177971	XVis: Visualization for the Extreme-Scale Scientific-Computation Ecosystem: Mid-year report FY15 Q2	Moreland, Kenneth D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sewell, Christopher [Los Alamos National Lab. (LANL), Los	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177972	Pattern ANalytics To Support High-performance Exploitation and Reasoning (PANTHER).	Wilson, Andrew T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Czuchlewski, Kristina Rodriguez [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1177973	Dish Stirling High Performance Thermal Storage FY15Q1 Quad Chart	Andraka, Charles E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178301	Structural Health and Prognostics Management for Offshore Wind Plants; Final Report of Sandia R&D Activities.	Griffith, Daniel Todd [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Wind Energy Technologies Dept.]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178302	Hypothetical Facility Attack Plan For The Lone Pine Nuclear Power Plant	Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Thompson, Matthew [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178303	An Experimental Study of Shear-Dominated Failure in the 2013 Sandia Fracture Challenge Specimen	Corona, Edmundo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Deibler, Lisa Anne [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178352	Waste Assessment Baseline for the IPOC Second Floor, West Wing	McCord, Samuel A [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Waste Management and Pollution Prevention]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178353	2015 Geothermal Technologies Office Peer Review Summary. Energetic Materials for EGS Well Stimulation	Grubelich, Mark C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178354	H2FIRST Reference Station Design Task Project Deliverable 2-2	Terlip, Danny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Pratt, Joseph William [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178355	Simulating Impacts of Disruptions to Liquid Fuels Infrastructure	Wilson, Michael [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Resilience and Regulatory Effects]; Corbet, Thomas F. [Sandia	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178356	Scenario Analysis Guide. Outline of Guidance for Development of Sabotage Scenarios	Baum, Gregory A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178357	Progress to Date on Developing the NUSAM Methodology Document.	Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178358	ER Consolidated Qtrly Rpt_Oct thru Dec 2014_Final-Apr 2015	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178359	FRMAC ASSESSMENT MANUAL Volume 1 Overview and Methods	Hunt, Brian D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178621	Dish Stirling High Performance Thermal Storage FY15Q2 Quad Chart	Andraka, Charles E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178622	NESM TAG Meeting Notes	Thomas, Jesse David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Pierson, Kendall H. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178923	Whitepaper prepared for DOE Workshop on Integrated Simulations for Magnetic Fusion Energy Sciences.	Swiler, Laura Painton [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Eldred, Michael S. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1178950	Dual-Edge Signaling Logic	Resnick, David Richard [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1179040	Network Randomization and Dynamic Defense for Critical Infrastructure Systems	Chavez, Adrian R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martin, Mitchell Tyler [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015

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1179091	Report on Review of Waste Package Reliability Estimates for Geologic Disposal.	Groth, Katrina; Hannigan, Francis Patrick.; Liao, Huafei; Wheeler, Timothy A.	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1179152	Thermal Decomposition of IMX-104: Ingredient Interactions Govern Thermal Insensitivity	Maharrey, Sean [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Wiese-Smith, Deneille [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1179153	Enabling Efficient Uncertainty Quantification Using Adjoint-based Techniques	Wildey, Timothy Michael [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Shadid, John N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1179154	Minimum Ag Addition to Capture Residuals and Trace Iodine from INL CH <sub>3</sub> Loaded AgZ in GCM.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Garino, Terry J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1179257	Simplifying Scientific Workflow Creation and Management	Lofstead, Gerald Fredrick [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1179537	Evaluation of Computational Method of High Reynolds Number Slurry Flow for Caverns Backfilling	Bettin, Giorgia [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1179538	LDRD @ SNL April 2015.	Arrowsmith, Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1179539	2015 Nanodevices & Microsystems External Advisory Board Abstract Document	Hermina, Wahid L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1179771	Multilateral Spent Fuel Management Efforts: Nonproliferation and Energy Implications in the Asia Pacific	Chikushi, Masahiro [Japan Ministry of Economy (METI), Tokyo (Japan)]; Haddad, Risa [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1182677	U.S. Department of Energy NESHAP Annual Report for CY 2014 Sandia National Laboratories Tonopah Test Range	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Miller, Mark L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1182682	Defect reaction network in Si-doped InAs. Numerical predictions.	Schultz, Peter A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1182683	LNG Safety Assessment Evaluation Methods	Muna, Alice Baca [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; LaFleur, Angela Christine [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1182685	The magnitude image from the 50% compressed PPH (R) shows an increased noise floor visible in the shadows.	Topolski, John [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1182686	United States Department of Energy National Nuclear Security Administration Sandia Field Office NESHAP Annual Report CY2014 for Sandia National Laboratories New	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Miller, Mark L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183056	Next-generation Algorithms for Assessing Infrastructure Vulnerability and Optimizing System Resilience	Burchett, Deon L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Chen, Richard Li-Yang [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183057	Simulation of Blast and Behind-Armor Blunt Trauma to Life-Critical Organs in the Human Torso	Taylor, Paul A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Candice Frances [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183058	Simulation of Blast and Behind-Armor Blunt Trauma to Life-Critical Organs in the Human Torso. Video Supplement for 2015 HPC Annual Report	Taylor, Paul A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Candice Frances [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183059	Cyber Graph Queries for Geographically Distributed Data Centers	Berry, Jonathan W. [Mail Stop, Albuquerque, NM (United States)]; Collins, Michael [Christopher Newport Univ., VA (United States)]; Kearns, Aaron [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183359	Aging Behavior and Performance Projections for a Polysulfide Elastomer	Celina, Mathias C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Giron, Nicholas Henry [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183360	Single-Axis Three-Beam Amplitude Monopulse Antenna-Signal Processing Issues	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bickel, Douglas L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183637	CPLOAS_2 User Manual.	Sallaberry, Cedric Jean-Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Helton, Jon C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2015
1183946	Five-Year ALARA Review of Dosimetry Results 1 January 2010 through 31 December 2014.	Paulus, Luke R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1183947	Unified Creep Plasticity Damage (UCPD) Model for Rigid Polyurethane Foams.	Neilsen, Michael K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lu, Wei-Yang [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1183948	NMSBA High Frequency Modal Analysis of a Solid Metal Cylinder using a Polytec 3D Scanning Laser Vibrometer.	Blecke, Jill [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rohe, Daniel Peter [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184073	Nuclear Energy Experiments to the Center for Global Security and Cooperation.	Osborn, Douglas M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184074	LDRD @ SNL May 2015.	Mamaluy, Denis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gao, Xujiao [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184359	Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems.	Gonzalez, Sigifredo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Newmiller, Jeff [DNV KEMA Renewables, Inc.]; Blodgett, Douglas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184360	Deep Borehole Field Test: Characterization Borehole Science Objectives.	Kuhlman, Kristopher L [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brady, Patrick Vane. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184361	Advanced Imaging Optics Utilizing Wavefront Coding.	Scrymgeour, David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Boye, Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015

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1184362	Refines Event UCR Report.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184363	Views Event History UCR Report.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184364	Compares Events UCR Report.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184365	System Refines Event Location UCR Report.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184366	Trends in Microfabrication Capabilities & Device Architectures.	Bauer, Todd [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jones, Adam [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184598	Ductile Tearing of Thin Aluminum Plates Under Blast Loading. Predictions with Fully Coupled Models and Biaxial Material Response Characterization	Corona, Edmundo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gullerud, Arne S. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1184599	The Future of Scientific Workflows. Report of the DOE NGNS/CS Scientific Workflows Workshop (Sandia contributions)	Moreland, Kenneth D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1185033	VTK-m Users' Guide (Version 0.0)	Moreland, Kenneth D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1189080	Fact Sheet: Radiopharmaceuticals.	Godino, Jules [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1189592	International Training Course on Physical Protection (ITC-25) Report.	Overholt, Michelle Jungst [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1189593	Electronic Production Control System News Note.	Loubriel, Guillermo M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1191079	Application Note: Power Grid Modeling With Xyce.	Sholander, Peter E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1191080	M3FT-15SN0312048.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Garino, Terry J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1191878	LIHE Spectral Dynamics and Jaguar Data Acquisition System Measurement Assurance Results 2014.	Covert, Timothy T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Willis, Michael David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1192267	Analysis of Modeling Parameters on Threaded Screws.	Vigil, Miquela S. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brake, Matthew Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1192538	Trends in Microfabrication Capabilities & Device Architectures.	Bauer, Todd [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jones, Adam [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1193146	Cable Braid Electromagnetic Penetration Model.	Warne, Larry K. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Langston, William L. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1193147	Delta: Data Reduction for Integrated Application Workflows.	Lofstead, Gerald Fredrick [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jean-Baptiste, Gregory [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1194404	ASCR Workshop on Quantum Computing for Science	Aspuru-Guzik, Alan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Van Dam, Wim [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1195437	Radiation Characterization Summary: ACRR Polyethylene-Lead-Graphite (PLG) Bucket Located in the Central Cavity on the 32-Inch Pedestal at the Core Centerline (ACRR-PLG-32-CL)	Parma, Edward J.; Vehar, David W.; Lippert, Lance L.; Griffin, Patrick J.; Naranjo, Gerald E.; Luker, Spencer M.	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1198987	Scientific Discovery on Exascale Systems	Hendrickson, Bruce A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2015
1227347	Sandia non-fusion R&D supported by FES.	Nygren, Richard E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/3/2015
1191879	Product Lifecycle Management Architecture: A Model Based Systems Engineering Analysis.	Noonan, Nicholas James [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1191880	Neutron Reference Benchmark Field Specifications: ACRR Polyethylene-Lead-Graphite (PLG) Bucket Environment (ACRR-PLG-CC-32-CL)	Vega, Richard Manuel [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Parm, Edward J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1191881	Neutron Reference Benchmark Field Specification: ACRR 44 Inch Lead-Boron (LB44) Bucket Environment (ACRR-LB44-CC-32-CL)	Vega, Richard Manuel [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Parma, Edward J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1191882	Neutron Reference Benchmark Field Specification: ACRR Free-Field Environment (ACRR-FF-CC-32-CL)	Vega, Richard Manuel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Parma, Edward J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1194405	Solving Inverse Radiation Transport Problems with Multi-Sensor Data in the Presence of Correlated Measurement and Modeling Errors	Thomas, Edward V. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Stork, Christopher L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1194893	Simple Array Beam-Shaping Using Phase-Only Adjustments.	Doerry, Armin W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1194894	LDRD @ SNL June 2015	Arrowsmith, Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015

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1195764	Modeling Mathematical Programs with Equilibrium Constraints in Pyomo	Hart, William E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sirola, John Daniel [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1202011	Magneto-inertial Fusion	Hansen, Stephanie B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1206953	Liftoff Model for MELCOR.	Young, Michael F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1206954	Function-based Design Enabled by AM.	Clark, Brett W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1206955	Value Stream Mapping: Foam Collection and Processing.	Sorensen, Christian [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1206956	The Magnetically Driven Direct Drive Approach to Ignition: Responses to Questions by Panel 1 of the FY15 ICF Program Review.	Sinars, Daniel [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1207653	Demonstrate Scale-up Procedure for Glass Composite Material (GCM) for Incorporation of Iodine Loaded AgZ.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Garino, Terry J. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1207654	FY16-20 Strategic Plan.	Harwell, Amber Suzanne [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1207655	Handling and Emplacement Options for Deep Borehole Disposal Conceptual Design.	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hardin, Ernest [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1222445	UAS Detection Classification and Neutralization: Market Survey 2015	Birch, Gabriel Carlisle [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Griffin, John Clark [Sandia National Laboratories	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1222446	History and Evolution of the Johnson Criteria.	Sjaardema, Tracy A. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Smith, Collin S. [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1222452	SANSMIC design document.	Weber, Paula D. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Rudeen, David Keith [GRAM, Inc., Albuquerque, NM (United	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1222453	Conceptual waste packaging options for deep borehole disposal	Su, Jiann -Cherng [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Hardin, Ernest L. [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	7/1/2015
1211578	Investigating the Hydrolysis Reactions of a Chemical Warfare Agent Surrogate. A Systematic Study using $CH_4 <sup>13</sup>C <sub>2</sub>O <sub>2</sub> <sup>17</sup>O$ .	Alam, Todd M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Wilson, Brendan W. [West Virginia Univ., Morgantown, WV (United	TR	SNL	Sandia National Laboratories (SNL-NM)	7/24/2015
1211577	Technical Report: Rayleigh Scattering Combustion Diagnostic	Adams, Wyatt [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Hecht, Ethan [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	7/29/2015
1222455	Fundamental understanding of methane-carbon dioxide-water ( $CH_4 <sub>2</sub>CO <sub>2</sub>H_2O$ ) interactions in shale nanopores under	Wang, Yifeng [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	7/29/2015
1209885	Radiation Characterization Summary: ACRR Central Cavity Free-Field Environment with the 32-Inch Pedestal at the Core Centerline (ACRR-FF-CC-32-cl).	Vega, Richard Manuel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Parma, Edward J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1209887	2015 Metrics IACRO 13-58971 (DTRA year end metrics chart).	Adams, David P. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211552	Dish Stirling High Performance Thermal Storage FY15Q3 Quad Chart	Andraka, Charles E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211553	Fukushima Daiichi Unit 1 Uncertainty Analysis-Exploration of Core Melt Progression Uncertain Parameters-Volume II.	Denman, Matthew R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brooks, Dusty Marie [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211555	NetMOD Version 2.0 Mathematical Framework	Merchant, Bion J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Young, Christopher J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211556	NetMOD Version 2.0 Parameters	Merchant, Bion J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211557	Modeling of Arctic Storms with a Variable High-Resolution General Circulation Model	Taylor, Mark A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Roesler, Erika Louise [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1211576	Photovoltaic System Modeling. Uncertainty and Sensitivity Analyses	Hansen, Clifford W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martin, Curtis E. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212250	Causal Analysis For Occurrence Report OR NA-SS-SNL-2000-2015-0005 Unexpected Type of Failure of Thermal Battery	Forbes, Elizabeth H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212251	MueMex User's Guide	Siefert, Christopher [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kelley, Brian [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212252	Sulphur Extraction at Bryan Mound	Kirby, Carolyn L [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lord, Anna C. Snider [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212253	LDRD @ SNL July 2015. Cognitive Sciences	Arrowsmith, Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212254	Sump Overflowed at Building 858K	Marley, Margie Charlotte [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015



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1212269	Can symmetry transitions of complex fields enable 3-d control of fluid vorticity?	Martin, James E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Solis, Kyle Jameson [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212270	Selecting RMF Controls for National Security Systems	Witzke, Edward L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212811	Chemically Etched Silicon Nanowires as Anodes for Lithium-Ion Batteries	West, Hannah Elise [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1212812	Progress in Crossflow and BiGlobal Stability Analyses by Derek Dinzl	Wagnild, Ross [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Dinzl, Derek [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213029	Temperature dependence of carrier capture by defects in gallium arsenide	Wampler, William R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Modine, Normand A. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213030	Delayed Fission Gamma-ray Characteristics of Th-232 U-233 U-235 U-238 and Pu-239	Lane, Taylor [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Parma, Edward J. [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213302	Hyperion 5113/GP Infrasound Sensor Evaluation.	Merchant, Bion J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213488	Materials Analysis and Modeling of Underfill Materials.	Wyatt, Nicholas B [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Chambers, Robert S. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213489	Evaluation of Two Guralp Preamplifiers for GS21 Seismometer Application.	Merchant, Bion J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Slad, George William [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213490	Tutorial examples for uncertainty quantification methods.	De Bord, Sarah [Univ. of California, Davis, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1214451	Analysis of cavern and well stability at the West Hackberry SPR site using a full-dome model.	Sobolik, Steven R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1221858	Calculating the dissociation chemistry and equation of state properties of materials	Cochrane, Kyle [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1221859	FY15 Report on Thermomechanical Testing	Hansen, Francis D. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Buchholz, Stuart [RESPEC, Rapid City, SD (United	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1221860	C2R2. Compact Compound Recirculator/Recuperator for Renewable Energy and Energy Efficient Thermochemical Processing.	Ermanoski, Ivan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Orozco, Adrian [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1221861	Characterizing Quantum Devices Using Model Selection	Blume-Kohout, Robin J [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Scholten, Travis L. [Sandia National	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1221947	Hardness Assurance for Low-Energy Proton-Induced Single-Event Effects: Final report for LDRD Project 173134	Dodds, Nathaniel Anson [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1222444	Fire Protection Engineering Design Brief Template. Hydrogen Refueling Station.	LaFleur, Angela Christine [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Muna, Alice Baca [Sandia National	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1222447	A new algorithm for constructing the exchange operator in density-functional-theory calculations using hybrid functionals	Wright, Alan F. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1222448	Status report. Characterization of Weld Residual Stresses on a Full-Diameter SNF Interim Storage Canister Mockup.	Enos, David [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1222456	Summary of FY15 results of benchmark modeling activities	Arguello, J. Guadalupe [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1227240	LDRD @ SNL August 2015.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/1/2015
1213306	Finite Element Simulations to Explore Assumptions in Kolsky Bar Experiments.	Crum, Justin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/5/2015
1211554	Deep Borehole Emplacement Mode Hazard Analysis Revision 0	Sevougian, S. David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/7/2015
1212607	Deep Borehole Disposal Remediation Costs for Off-Normal Outcomes	Finger, John T. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Cochran, John R. [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	8/17/2015
1213492	Complete Initial Scoping Tests on the Incorporation of Novel Loaded Iodine Getters into GCM.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Garino, Terry J. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	8/18/2015
1229704	Used Fuel Disposal in Crystalline Rocks. FY15 Progress Report	Wang, Yifeng [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/20/2015
1213491	SNL Sigma Off-Gas Team Contribution to the FY15 DOE/NE-MRWFD Campaign Accomplishments Report.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/21/2015
1213303	Documentation and Instructions for Running Two Python Scripts that Aid in Setting up 3D Measurements using the Polytec 3D Scanning Laser Doppler Vibrometer.	Rohe, Daniel Peter [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/24/2015
1213493	Develop Plan for Analysis of the Effluent from GCM Production.	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Mowry, Curtis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	8/24/2015

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1213304	Report on the Status of the UFD Campaign International Activities in Disposal Research at SNL.	McMahon, Kevin A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/25/2015
1213305	Report on the Status of the UFD Campaign International Activities in Disposal Research at SNL.	McMahon, Kevin A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/25/2015
1214251	International collaborations on fluid flows in fractured crystalline rocks: FY15 progress report	Wang, Yifeng [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gardner, Payton [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/25/2015
1214452	Neutron generator production facility (NGPF) building 870	Baker, Nolan Jay [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	8/27/2015
1214245	FY15 ASC L2 milestone #5320: Verification and validation propensity improvements via solution verification automation presentation package (Part 1 of 2)	Staten, Matthew L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carnes, Brian [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214246	V&V framework	Hills, Richard G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Maniaci, David Charles [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214248	Construction of hexahedral elements mesh capturing realistic geometries of Bayou Choctaw SPR site	Park, Byoung Yoon [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Roberts, Barry L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214250	Reactive molecular dynamics simulations of hot spot growth in shocked energetic materials CCC8-133.	Shan, Tzu-Ray [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214453	New radiological material detection technologies for nuclear forensics: Remote optical imaging and graphene-based sensors.	Harrison, Richard Karl [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martin, Jeffrey B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214609	Nanostructure-enhanced Chemical Reactivity and Detonation in Energetic Materials.	Thompson, Aidan P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1214610	Nanostructure-enhanced Chemical Reactivity and Detonation in Energetic Materials: End of Year Summary.	Shan, Tzu-Ray [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Thompson, Aidan P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1215561	High-pressure ramp wave and shock studies in tantalum and porous media	Lane, J. Matthew [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1215563	Detect & protect - The Suspect/Counterfeit Items Newsletter Vol.1 Issue 3.	Holcomb, Gabrielle Rose [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1215796	Status update of the BWR cask simulator	Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Durbin, Samuel G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1215797	Creating physically-based three-dimensional microstructures: Bridging phase-field and crystal plasticity models.	Lim, Hojun [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Owen, Steven J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221175	Partially-reflected water-moderated square-pitched U(6.90)O<sub>2</sub> fuel rod lattices with 0.67 fuel to water volume ratio (0.800 CM Pitch)	Harms, Gary A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221176	ASC Trilab L2 Codesign Milestone 2015	Trott, Christian Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hammond, Simon David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221177	Solving the Big Data (BD) Problem in Advanced Manufacturing (Subcategory for work done at Georgia Tech, Study Process and Design Factors for Additive Manufacturing)	Clark, Brett W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Diaz, Kimberly A. [Georgia Inst. of Technology, Atlanta, GA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221178	The PANTHER User Experience	Coram, Jamie L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Morrow, James D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221179	Wound Ballistics Modeling for Blast Loading Blunt Force Impact and Projectile Penetration	Taylor, Paul A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Candice Frances [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221180	Natural Gas Value-Chain and Network Assessments	Kobos, Peter H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Outkin, Alexander V. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221515	Literature Survey Concerning the Feasibility of Remedial Leach for Select Phase I Caverns	Weber, Paula D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Flores, Karen A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221516	3D Imaging with Structured Illumination for Advanced Security Applications	Birch, Gabriel Carisle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Dagle, Amber Lynn [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221519	Precision Laser Annealing of Focal Plane Arrays	Bender, Daniel A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; DeRose, Christopher [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221520	Temperature, Oxygen, and Soot-Volume-Fraction Measurements in a Turbulent C<sub>2</sub>-Fueled Jet Flame	Kearney, Sean P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Guildenbecher, Daniel Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221521	The Adaptive Multi-scale Simulation Infrastructure	Tobin, William R. [Rensselaer Polytechnic Inst., Troy, NY (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221522	Efficient Probability of Failure Calculations for QMU using Computational Geometry LDRD 13-0144 Final Report	Mitchell, Scott A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ebeida, Mohamed Salah [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221523	End-Member Formulation of Solid Solutions and Reactive Transport	Lichtner, Peter C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221524	Dimension reduction for PDE using local Karhunen Loeve expansions	Chen, Yi [Univ. of Utah, Salt Lake City, UT (United States)]; Xiu, Dongbin [Univ. of Utah, Salt Lake City, UT (United States)]; Jakeman, John Davis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015

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1221525	Fully Coupled Simulation of Lithium Ion Battery Cell Performance	Trembacki, Bradley L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Murthy, Javathi Y. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jakeman, John Davis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Marcia A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221574	Adaptive Bayesian Inference for Prediction	Willey, Timothy Michael [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jakeman, John Davis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221575	Development of a Multi-Point Microwave Interferometry (MPMI) Method	Specht, Paul Elliott [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cooper, Marcia A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221576	Super-Sensitive and Robust Biosensors from Supported Polymer Bilayers	Paxton, Walter F. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221577	Tunable Quantum Dot Solids: Impact of Interparticle Interactions on Bulk Properties	Sinclair, Michael B. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Fan, Hongyou [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221578	Towards Accurate Application Characterization for Exascale (APEX)	Hammond, Simon David [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221707	Vertical GaN PIN Diodes with 5 kV Avalanche Breakdown.	Wierer, J. J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Allerman, Andrew A. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221708	A Process and Environment Aware Sierra/SolidMechanics Cohesive Zone Modeling Capability for Polymer/Solid Interfaces	Reedy, E. D. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Chambers, Robert S. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221709	Classifier-Guided Sampling for Complex Energy System Optimization	Backlund, Peter B. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Eddy, John P. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221710	Photoelectrochemical Etching of GaN Quantum Wires	Fischer, Arthur J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Leung, Benjamin [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221711	Hyperion 5113/A Infrasound Sensor Evaluation	Merchant, Bion John [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221714	SNF Interim Storage Canister Corrosion and Surface Environment Investigations	Bryan, Charles R. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Enos, David G. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221863	Experimenta Investigation of Two-Phase Flow in Consolidating and Intact Salt. Analysis of Capillary Pressure Measurements from Core Labs	Malama, Bwalya [Cal Poly State Univ., San Luis Obispo, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221865	ZFSP Proposal	Bernstein, Aaron [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Lin, Jung-Fu [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221866	Fabrication and Characterization of a Single Hole Transistor in p-type GaAs/AlGaAs Heterostructures	Tracy, Lisa A [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Reno, John L. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221867	Upscaling ab-initio chemistry models to non-equilibrium flow simulations	Kulakhmetov, Marat [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Alexeenko, Alina [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221948	High fidelity measurement of room temperature creep in NW alloys	Deibler, Lisa Anne [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Laing, John Robert [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221949	Mean Flow Data for HEG Shot 1302	Wagnild, Ross Martin [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1221950	Strategic Development of the Idea. LEEM-PEEM Studies of InGaN-based Heterostructures	Ohta, Taisuke [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222177	High Accuracy Transistor Compact Model Calibrations	Hembree, Charles E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Mar, Alan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222449	Deep Borehole Field Test Specifications.	Hardin, Ernest [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222535	Toxic endpoint analysis	Snell, Madison M. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Pruitt, Courtney Jean [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222538	Prediction and characterization of heat-affected zone formation due to neighboring nickel-aluminum multilayer foil reaction	Adams, David P. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Hirschfeld, Deidre A. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222539	Initial verification and validation of RAZORBACK - A research reactor transient analysis code	Talley, Darren G. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222657	Appraisal of transport and deformation in shale reservoirs using natural noble gas tracers	Heath, Jason E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222658	High performance data analytics on a commodity private cloud	Beggio, Christopher [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222659	Verification and large deformation analysis using the reproducing kernel particle method	Beckwith, Frank [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222660	Thermal mechanical stress modeling of GcTM seals	Dai, Steve Xunhu [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Chambers, Robert [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015
1222661	New platform provides innovation	Monk, Stephen T. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	9/1/2015

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1222663	Resolving and measuring diffusion in complex interfaces: Exploring new capabilities	Alam, Todd M. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222664	Thermal battery degradation mechanisms	Missert, Nancy A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brunke, Lyle Brent [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222666	KOKKOS programming model and library	Edwards, Harold C. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222667	Uniaxial creep as a control on mercury intrusion capillary pressure in consolidating rock salt	Dewers, Thomas [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Heath, Jason E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222928	Solid state consolidation nanocrystalline copper-tungsten using cold spray	Hall, Aaron Christopher [Sandia National Lab. (SNL-CA), Livermore, CA (United States); Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)];	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222973	A brief summary on formalizing parallel tensor distributions redistributions and algorithm derivations.	Schatz, Martin D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kolda, Tamara G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222974	Trusted materials using orthogonal testing. 2015 Annual report	Van Benthem, Mark [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222982	Organosilicon-Based Electrolytes for Long-Life Lithium Primary Batteries	Fenton, Kyle R. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Nagasubramanian, Ganesan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222983	Groundwork for Universal Canister System Development	Price, Laura L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gross, Mike [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222984	Coating Strategies to Improve Lithium-ion Battery Safety	Travis, Jonathan [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Orendorff, Christopher J. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222985	Development of a MEMS dual-axis differential capacitance floating element shear stress sensor	Barnard, Casey [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Griffin, Benjamin [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222989	Electrically Injected UV-Visible Nanowire Lasers	Wang, George T.; Li, Changyi; Li, Qiming; Liu, Sheng; Wright, Jeremy Benjamin; Brener, Igal; Luk, Ting - Shan; Chow, Weng W.; Leung, Benjamin; Figiel, Benjamin	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222990	Risk Based Security Management at Research Reactors	Ek, David R. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1225864	Brittle fracture phase-field modeling of a short-rod specimen	Escobar, Ivana [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Tupek, Michael R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1226117	Insight from Public Surveys Related to Siting of Nuclear Waste Facilities: An Overview of Findings from a 2015 Nationwide Survey of US Residents	Jenkins-Smith, Hank C. [Univ. of Oklahoma, Norman, OK (United States)]; Gupta, Kuhika [Univ. of Oklahoma, Norman, OK (United States)]; Silva, Carol [Univ. of Oklahoma, Norman, OK (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1226924	Criteria for initiation of delamination in quasi-static punch-shear tests of a carbon-fiber composite material.	Chin, Eric Brian [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; English, Shawn Allen [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1227806	Microgrid Design Toolkit (MDT) Technical Documentation and Component Summaries	Arguello, Bryan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gearhart, Jared Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1227913	Structural Simulation Toolkit. Lunch & Learn	Moore, Branden J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Voskuilen, Gwendolyn Renae [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1227986	Sensitivity Analysis of OECD Benchmark Tests in BISON	Swiler, Laura Painton [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gamble, Kyle [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1228822	PANTHER. Pattern Analytics To support High-performance Exploitation and Reasoning.	Czuchlewski, Kristina Rodriguez [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hart, William E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1215562	Predicting the occurrence of mixed mode failure associated with hydraulic fracturing, part 2 water saturated tests	Bauer, Stephen J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Broome, Scott Thomas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/14/2015
1222986	Evaluating Moving Target Defense with PLADD	Jones, Stephen T. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Outkin, Alexander V. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/15/2015
1223168	FY:15 Transport Properties of Run-of-Mine Salt Backfill ? Unconsolidated to Consolidated.	Dewers, Thomas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Heath, Jason E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/28/2015
1222987	Methodology for Preliminary Design of Electrical Microgrids	Jensen, Richard P. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Stamp, Jason E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	9/30/2015
1222926	2015 HPC Annual Report	Jennings, Barbara J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Noe, John P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1222975	Multifunctional integrated sensors (MFISES).	Homeijer, Brian D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Roozeboom, Clifton [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1223058	Estimating Parameters for the PVsyst Version 6 Photovoltaic Module Performance Model	Hansen, Clifford [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1223059	A Multi-Year Plan for Enhancing Turbulence Modeling in Hydra-TH Revised and Updated Version 2.0	Smith, Thomas M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Berndt, Markus [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1223166	A Galerkin least squares approach to viscoelastic flow.	Rao, Rekha R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Schunk, Peter Randall [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015

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1223167	NetMOD Version 2.0 User's Manual.	Merchant, Bion J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1223169	Can Asteroid Airbursts Cause Dangerous Tsunami?.	Boslough, Mark B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1223170	International Collaborations on Engineered Barrier Systems: Brief Overview of SKB-EBS Activities.	Jove-Colon, Carlos F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225833	A2E High Fidelity Modeling: Strategic Planning Meetings	Barone, Matthew F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hammond, Steven [National Renewable Energy Lab. (NREL),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225834	Unexpected Type of Failure of Thermal Battery Resulting in a Near Miss to a Serious Injury	Richter, Daena Kei [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225847	Active Suppression of Drilling System Vibrations For Deep Drilling	Raymond, David W.; Blankenship, Douglas A.; Buerger, Stephen; Mesh, Mikhail; Radigan, William Thomas; Su, Jiann-Cherng	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225849	Active Learning in the Era of Big Data	Jamieson, Kevin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Davis, IV, Warren L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225852	NRT Rotor Structural / Aeroelastic Analysis for the Preliminary Design Review	Ennis, Brandon Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Paquette, Joshua A. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1225854	Abuse Tolerance Improvements	Orendorff, Christopher J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Nagasubramanian, Ganesan [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226112	Database Performance Monitoring for the Photovoltaic Systems	Klise, Katherine A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226115	Roadmap for Peridynamic Software Implementation	Littlewood, David John [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226425	EearZin Final Report.	O'Rourke, William T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; krein, Jason K. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226426	Model of the Product Development Lifecycle.	He, Sunny L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Roe, Natalie H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)];	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226427	Leveraging Safety Programs to Improve and Support Security Programs	Leach, Janice [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)];	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226517	Intro - High Performance Computing for 2015 HPC Annual Report	Klitsner, Tom [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226518	Ion Selective Ceramics for Waste Separations. Input for Annual Accomplishments Report	Spoerke, Erik David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226519	3D RoboMET Characterization	Madison, Jonathan D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Susan, Donald F. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226520	Numerical Simulations of the Kolsky Compression Bar Test	Corona, Edmundo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226521	LDRD @ SNL September 2015	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226790	Creating Fantastic PI Workshops	Biedermann, Laura B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Clark, Blythe G. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226881	Trillium Gimbal Mount for Twin Otter	London, Jennifer L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1227238	ZAPP shot summary	Loisel, Guillaume Pascal [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1227345	Sandia Wake Imaging System Field Test Report: 2015 Deployment at the Scaled Wind Farm Technology (SWiFT) Facility.	Naughton, Brian Thomas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Herges, Thomas [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1227348	Interim Status Report for Risk Management for SFRs	Jankovsky, Zachary Kyle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Denman, Matthew R. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1227984	First Principle Simulation of Diffraction based Metrology Techniques	Sohail, S. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Naqvi, S. Sohail H. [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1227985	Dish Stirling High Performance Thermal Storage FY15Q4 Quad Chart	Andraka, Charles E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1226110	Sierra Structural Dynamics Theory Manual	Reese, Garth M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/19/2015
1226111	Sierra Structural Dynamics User's Notes	Reese, Garth M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/19/2015
1227343	Various Recrystallizations of CL-20 (HNIW hexanitrohexaazaisowurtzitane).	Phillips, Jason Joe [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/22/2015

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1225846	The Use of Underground Research Laboratories to Support Repository Development Programs. A Roadmap for the Underground Research Facilities Network.	MacKinnon, Robert J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/26/2015
1225848	Fundamental Understanding of Methane-Carbon Dioxide-Water (CH <sub>4</sub> -CO <sub>2</sub> -H <sub>2</sub> O) Interactions in Shale Nanopores under	Wang, Yifeng [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/27/2015
1226880	CGS-MSFSS Project report	Harvey-Collard, Patrick [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/27/2015
1226004	Implementing and diagnosing magnetic flux compression on the Z pulsed power accelerator	McBride, Ryan D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bliss, David E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226118	Advanced Simulation and Computing Co-Design Strategy	Ang, James A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hoang, Thuc T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226120	Sections prepared for inclusion in an IAEA technical document handbook on Designing and Implementing a Physical Protection System	Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226121	Novel Materials and Devices for Solid-State Neutron Detection	Manginell, Ronald P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Pfeifer, Kent B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226786	Design Construction and Operation of a Supercritical Carbon Dioxide (sCO <sub>2</sub> ) Loop for Investigation of Dry Cooling and Natural Circulation Potential for Use in	Middleton, Bobby D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rodriguez, Salvador B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226787	Alternatives to the 15% Rule	Broderick, Robert Joseph [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Quiroz, Jimmy Edward [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226788	Authentication Without Secrets	Pierson, Lyndon G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Robertson, Perry J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226789	Thermal-Hydrology Simulations of Disposal of High-Level Radioactive Waste in a Single Deep Borehole	Hadgu, Teklu [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Stein, Emily [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226878	High Fidelity Simulations of Large-Scale Wireless Networks	Onunkwo, Uzoma [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Benz, Zachary [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1226879	High Fidelity Simulations of Large-Scale Wireless Networks (Plus-Up)	Onunkwo, Uzoma [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227183	Tools for Enhanced Grid Operation and Optimized PV Penetration Utilizing Highly Distributed Sensor Data.	Reno, Matthew J. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Peppanen, Jouni [Georgia Inst. of Technology, Atlanta, GA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227184	Phase Field Fracture Mechanics.	Robertson, Brett Anthony [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227235	Dynamic Analytical Capability to Better Understand and Anticipate Extremist Shifts Within Populations under Authoritarian Regimes.	Bernard, Michael Lewis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227236	Test Plan for the Boiling Water Reactor Dry Cask Simulator	Durbin, Samuel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227239	From Idea to Innovation: The Role of LDRD Investments in Sandia's Recent Successful B61 Experiments.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227241	LDRD @ SNL October 2015.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227242	National Lab Postdoctoral Programs: Postdoc Program Information.	Alley, William Morgan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227340	A Best Practice for Developing Availability Guarantee Language in Photovoltaic (PV) O&M Agreements.	Klise, Geoffrey Taylor [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Balfour, John [High Performance PV, Phoenix, AZ (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227341	On Radar Resolution in Coherent Change Detection.	Bickel, Douglas L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227344	Prototype Laboratory Concept.	Arndt, William	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1227914	Non-thermal x-ray emission from wire array z-pinches	Ampleford, David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hansen, Stephanie B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015
1227915	Peridynamic Multiscale Finite Element Methods	Costa, Timothy [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bond, Stephen D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015
1227981	NSRD-06. Computational Capability to Substantiate DOE-HDBK-3010 Data	Louie, David L.Y. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brown, Alexander L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015
1229701	Xyce Parallel Electronic Simulator Users Guide Version 6.4	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Mei, Ting [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015
1229702	Xyce Parallel Electronic Simulator Reference Guide Version 6.4	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Mei, Ting [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015
1229703	Modeling of the Reactor Core Isolation Cooling Response to Beyond Design Basis Operations - Interim Report	Ross, Kyle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cardoni, Jeffrey N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	12/1/2015

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1227982	Determination of Desorbed Species During Heating of Agl-Mordenite Provided by ORNL	Croes, Kenneth James [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Garino, Terry J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	12/15/2015
1221712	Preliminary Results on Uncertainty Quantification for Pattern Analytics	Stracuzzi, David John [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Brost, Randolph [Sandia National Laboratories (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1168945	Toward Interactive Scenario Analysis and Exploration	Gayle, Thomas R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Interactive Systems, Simulations, and Analysis]; Summers,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2015
1226515	Application of Generic Disposal System Models	Mariner, Paul [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hammond, Glenn Edward [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2015
1177721	Intermediate-scale Fire Performance of Composite Panels under Varying Loads	Brown, Alexander [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jernigan, Dann A. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2015
1226424	In-situ 3D characterization of He bubble and displacement damage in dense and nanoporous thin films.	Hattar, Khalid Mikhel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Robinson, David [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1214247	Novel metal-organic frameworks for efficient stationary sources via oxyfuel combustion	Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sava Gallis, Dorina Florentina [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221518	Science-based design of stable quantum dots for energy-efficient lighting	Martin, James E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rohwer, Lauren E. S. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221526	Strong Local-Nonlocal Coupling for Integrated Fracture Modeling	Littlewood, David John [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Silling, Stewart A. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1221864	PANTHER. Trajectory Analysis	Rintoul, Mark Daniel [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Wilson, Andrew T. [Sandia National Laboratories	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222534	A kinetic approach to modeling the manufacture of high density structural foam: Foaming and polymerization	Rao, Rekha R. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Sandia National Laboratories, Livermore, CA (United	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222662	Dynamic high-temperature characterization of an iridium alloy in tension	Song, Bo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Nelson, Kevin [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1226116	Measuring Human Performance within Computer Security Incident Response Teams	McClain, Jonathan T. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Silva, Austin Ray [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	9/1/2015
1222924	Status of DOE-managed waste repository safety assessment information needs	Sassani, David C. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Sandia National Laboratories, Livermore, CA (United	TR	SNL	Sandia National Laboratories (SNL-NM)	9/30/2015
1222925	Rapid development of an ice sheet climate application using the components-based approach	Salinger, Andrew G. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Sandia National Laboratories, Livermore, CA (United	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2015
1171661	Resource Requirements Planning for Hospitals Treating Serious Infectious Disease Cases.	Vugrin, Eric D.; Verzi, Stephen Joseph; Finley, Patrick D.; Turnquist, Mark A.; Wyte-Lake, Tamar; Griffin, Ann R.; Ricci, Karen J.; Plotinsky, Rachel	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2015
1167405	An attempt to calibrate and validate a simple ductile failure model against axial-torsion experiments on Al 6061-T651	Reedlunn, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lu, Wei - Yang [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Laboratories Livermo	1/1/2015
1168944	Toward Multi-scale Modeling and simulation of conduction in heterogeneous materials	Lechman, Jeremy B. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Battaile, Corbett Chandler. [Sandia National	TR	SNL	Sandia National Laboratories Livermo	1/1/2015
1167412	Quantitative adaptation analytics for assessing dynamic systems of systems: LDRD Final Report	Gauthier, John H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). System Readiness & Sustainment Technologies (6133, M/S 1188)];	TR	SNL	Sandia National Laboratories Unknow	1/1/2015
1178112	Small-Scale Experiments.10-gallon drum experiment summary	Rosenberg, David M.	TR	SNL-A	Sandia National Laboratories, Albuqu	2/5/2015
1183202	Draft Geologic Disposal Requirements Basis for STAD Specification	Ilgen, Anastasia G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL-A	Sandia National Laboratories, Albuqu	3/25/2015
1221856	Analysis of the ducted fuel injection concept for compression-ignition engines abstract	Nielsen, Christopher William [Sandia National Laboratories, Livermore, CA (United States)]; Mueller, Charles J. [Sandia National Laboratories,	TR	SNL	Sandia National Laboratories, Livermo	8/1/2015
1169458	A tunable, linac based, intense, broad-band THz source for pump-probe experiments	Schmerge, J. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Adolphsen, C. [SLAC National Accelerator Lab., Menlo Park, CA (United	TR	SLAC	SLAC National Accelerator Lab., Menl	2/2/2015
1213169	The International Linear Collider Progress Report 2015	Yamamoto, Akira [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menl	7/15/2015
1212290	Study of Synchrotron Radiation for the Electron Beam Polarimeter for the MEIC	Sullivan, M. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menl	8/6/2015
1213137	Structural Studies of Bacterial Enzymes and their Relation to Antibiotic Resistance Mechanisms - General Abstract	Maltz, Lauren [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menl	8/7/2015
1212281	Evaluation of Laser Stabilization and Imaging Systems for LCLS-II	Barry, Matthew [Auburn Univ., AL (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menl	8/10/2015
1212289	S-Band RF Load Upgrade Program for SLAC Linac	Krasnykh, A. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Decker, F. -J. [SLAC National Accelerator Lab., Menlo Park, CA (United	TR	SLAC	SLAC National Accelerator Lab., Menl	8/13/2015
1213136	Peer Review of Andre Miranda's Presentation by Lauren Maltz	Maltz, Lauren [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menl	8/13/2015

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1213156	VariableR Reclustering in Multiple Top Quark and W Boson Events	Hyde, Jeremy [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/14/2015
1213166	Channeling, Volume Reection and Gamma Emission Using 14GeV Electrons in Bent Silicon Crystals	Benson, Brandon [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/14/2015
1212284	A Mechanistic Study of CO <sub>2</sub> Reduction at the Interface of a Gallium Phosphide (GaP) Surface using Core-level Spectroscopy	Flynn, Kristen [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/18/2015
1212285	Peer Review of Cayla Fromm's Presentation	Flynn, Kristen [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/18/2015
1212286	A Mechanistic Study of CO <sub>2</sub> Reduction at the Interface of a Gallium Phosphide (GaP) Surface using Core-level Spectroscopy - General Abstract	Flynn, Kristen [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/18/2015
1213146	Abstract for a General Audience	Levitan, Abraham [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/18/2015
1212280	Peer Review of Gavin West	Barry, Matthew [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/19/2015
1212287	A Mechanistic Study of CO <sub>2</sub> Reduction at the Interface of a Gallium Phosphide (GaP) Surface using Core-level Spectroscopy - Oral Presentation	Flynn, Kristen [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/19/2015
1213144	Ultrafast X-Ray Diffraction of Heterogeneous Solid Hydrogen	Levitan, Abraham [Olin College of Engineering, Needham, MA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/19/2015
1212276	Peer Review of Jordan Kotick's Presentation by Adrienne Tina	Tina, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1212277	Abstract for a General Audience. X-ray Dector Simulations	Tina, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1212278	X-Ray Detector Simulations - Oral Presentation	Tina, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1212279	Evaluation of Laser Stabilization and Imaging Systems for LCLS-II - Final Paper	Barry, Matthew [Auburn Univ., AL (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213123	Probing the electronic structure of buried interfaces via resonant scattering methods	Porter, Zachary [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213129	Investigating the Effect of Pyridine Vapor Treatment on Perovskite Solar Cells	Ong, Alison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213131	Investigating the Effect of Pyridine Vapor Treatment on Perovskite Solar CellsAbstract for a General Audience	Ong, Alison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213141	Mapping the metal uptake in plants from Jasper Ridge Biological Preserve using synchrotron micro-focused X-ray fluorescence spectroscopy	Lo, Allison [Univ. of California, Davis, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213163	Mapping Correlation of Two Point Sources in the Gamma-Ray Sky	Gibson, Alexander [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/20/2015
1213138	Detecting Energy Modulation in a Dielectric Laser Accelerator	Lukaczyk, Louis [Univ. of Virginia, Charlottesville, VA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213149	SQUID Noise Measurements for CDMS Detectors	Lee, Maxwell [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213160	Characterizing high-energy light curves of Fermi/Lat GRBs	Gillette, Jarred [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213164	Peer Review of Maxwell Lee by Alexander Gibson	Gibson, Alexander [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213165	General Audience Abstract	Gibson, Alexander [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213214	Computer simulation of the CSPAD, ePix10k, and RayonixMX170HS X-ray detectors	Tina, Adrienne	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/21/2015
1213206	Engineering at SLAC: Designing and constructing experimental devices for the Stanford Synchrotron Radiation Lightsource - Final Paper	Djang, Austin [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/22/2015
1213183	Detecting Partial Energy Modulation in a Dielectric Laser Accelerator - Oral Presentation	Lukaczyk, Louis [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/24/2015
1213184	Mapping the Metal Uptake in Plants from Jasper Ridge Biological Preserve - Oral Presentation	Lo, Allison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/24/2015
1213185	X-Ray Diffraction of Heterogeneous Solid Hydrogen - Oral Presentation	Levitan, Abraham [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/24/2015
1213186	Tower Testing and Development for CDMS SNOLAB - Oral Presentation	Lee, Maxwell [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/24/2015



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1213187	Pulse Tube Interference in Cryogenic Sensors - Oral Presentation	Lam, Tyler [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/24/2015
1213174	Modeling High-Energy Gamma-Rays from the Fermi Bubbles - Oral Presentation	Splettsdoesser, Megan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213175	A Hard X-ray Study of a Manganese-Terpyridine Dimer Catalyst in a Chromium-based Metal Organic Framework - Oral Presentation	Ramsey, Alexandra [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213176	Dipole Alignment at the Carbon Nanotube and Methyl Ammonium Lead Trihalide Perovskite Interface - Oral Presentation	Przepioski, Joshua [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213177	Ion Acceleration by Laser Plasma Interaction from Cryogenic Micro Jets - Oral Presentation	Propp, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213178	Electronic Structure of Buried Interfaces - Oral Presentation	Porter, Zachary [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213179	Investigating the Effect of Pyridine Vapor Treatment on Perovskite Solar Cells - Oral Presentation	Pike, Christopher [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213180	Investigating the Effect of Pyridine Vapor Treatment on Perovskite Solar Cells - Oral Presentation	Ong, Alison J. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213181	Understanding the Structure of High-K Gate Oxides - Oral Presentation	Miranda, Andre [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213182	Bacterial Enzymes and Antibiotic Resistance- Oral Presentation	Maltz, Lauren [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/25/2015
1213168	Channeling, Volume Reflection and Gamma Emission Using 14GeV Electrons in Bent Silicon Crystals - General Abstract	Benson, Brandon [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/26/2015
1213127	Peer Review of Louis Lukaczyk by Chris Pike	Pike, Christopher [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213128	General Abstract	Pike, Christopher [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213130	Peer Review for Kristen Flynn by Alison Ong	Ong, Alison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213132	Understanding the Structure of Amorphous Thin Film Hafnia - Final Paper	Miranda, Andre [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213133	Peer Review of Zach Porter's Presentation	Miranda, Andre [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213134	General Audience Abstract	Miranda, Andre [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213135	Structural Studies of Bacterial Enzymes and their Relation to Antibiotic Resistance Mechanisms - Final Paper	Maltz, Lauren [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213139	Variable Reclustering for Multiple Top Quark Events	Lukaczyk, Louis [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213140	Abstract for a General Audience on the Dielectric Laser Acceleration Group at SLAC	Lukaczyk, Louis [Univ. of Virginia, Charlottesville, VA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213142	Peer Review of Lauren Maltz's Presentation by Allison Lo	Lo, Allison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213143	Mapping the metal uptake in plants from Jasper Ridge Biological Preserve	Lo, Allison [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213145	Peer Review of Matthew Barry's Presentation by Abraham Levitan	Levitan, Abraham [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213147	Measurement of SQUID noise levels for SuperCDMS SNOLAB detectors - Final Paper	Lee, Maxwell [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213148	Peer Review of Megan Splettsdoesser by Maxwell Lee	Lee, Maxwell [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213150	Pulse Tube Interference in Cryogenic Sensor Resonant Circuits - Final Paper	Lam, Tyler [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213151	Peer Review of Adrienne Propp's Presentation by Tyler Lam	Lam, Tyler [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213152	Pulse Tube Interference in Cryogenic Sensors	Lam, Tyler [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213153	Probing warm-dense Silica with LCLS and betatron radiation	Kotick, Jordan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015

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1213154	Peer Review of Abe Levitan's Presentation by Jordan Kotick	Kotick, Jordan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213155	Using Betatron Radiation in the Lab	Kotick, Jordan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213157	Peer Review of Tyler Lam Presentation by Jeremy Hyde	Hyde, Jeremy [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213158	VariableR Reclustering for Multiple Boosted Top Quark and W Boson Events	Hyde, Jeremy [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213161	Peer Review of Alex Gibson's Presentation by Jarred Gillette	Gillette, Jarred [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213167	Peer review of Christopher Pike by Brandon Benson	Benson, Brandon [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/27/2015
1213114	Modeling High-Energy Gamma-Rays from the Fermi Bubbles	Spletstoeser, Megan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213115	A hard X-ray study of a manganese-terpyridine catalyst in a chromium-based Metal Organic Framework	Ramsey, Alexandra V. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213116	Peer Review of Allison Lo's Presentation By Alex Ramsey	Ramsey, Alexandra [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213117	A Hard X-ray Study of a Manganese-Terpyridine Dimer Catalyst in a Chromium-Based Metal Organic Framework	Ramsey, Alexandra [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213118	Dipole Alignment at the Carbon Nanotube and Methyl Ammonium Lead Iodide Perovskite Interface	Przepioski, Joshua [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213119	Peer Review of Alison Ong, by Joshua Przepioski	Przepioski, Joshua [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213120	Dipole Alignment at the Carbon Nanotube and Methyl Ammonium Lead Iodide Perovskite Interface	Przepioski, Joshua [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213121	Peer Review of Brandon Benson's Presentation By Adrienne Propp	Popp, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213122	Ion acceleration by laser plasma interaction from liquid cryogenic microjets	Popp, Adrienne [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213124	Peer Review of Austin Djang's Presentation by Zach Porter	Porter, Zachary [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213125	Probing the electronic structure of buried interfaces - General Abstract	Porter, Zachary [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1213126	Building a Better Capacitor with Thin-Film Atomic Layer Deposition Processing	Pike, Christopher [North Seattle College, WA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	8/28/2015
1221588	Annual Site Environmental Report. 2014 (ASER)	Atapattu, Rohindra [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; De Camara, Micki [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	9/1/2015
1222994	CLIC Drive Beam Gun	Yeremian, A. D. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Jensen, A. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	9/22/2015
1221590	Study of ultra-low emittance design for Spear3 using longitudinal gradient dipole	Wang, M. -H. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Huang, X. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	9/24/2015
1228739	Novel Perspectives from Light-Front QCD, Super-Conformal Algebra, and Light-Front Holography	Brodsky, Stanley J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	12/1/2015
1171472	Using NVMe Gen3 PCIe SSD Cards in High-density Servers for High-performance Big Data Transfer Over Multiple Network Channels	Fang, Chin;	TR	SLAC	SLAC National Accelerator Laboratory	2/24/2015
1177414	Laboratory Directed Research and Development Program: FY2014 Annual Report	Hartney, Mark	TR	SLAC	SLAC National Accelerator Laboratory	3/31/2015
1177410	Detecting Boosted Dark Matter from the Sun with Large Volume Neutrino Detectors	Berger, Joshua; /SLAC; Cui, Yanou; /Perimeter Inst. Theor. Phys.; Zhao, Yue; /Stanford U., ITP /Stanford U., Phys. Dept.;	TR	SLAC	SLAC National Accelerator Laboratory	4/2/2015
1183698	Kinetics and fracture resistance of lithiated silicon nanostructure pairs controlled by their mechanical interaction	Lee, Seok Woo; /Stanford U., Geballe Lab.; Lee, Hyun-Wook; /Stanford U., Materials Sci. Dept.; Ryu, Illi; /Brown U.; Nix, William D.; /Stanford U.,	TR	SLAC	SLAC National Accelerator Laboratory	6/1/2015
1185172	A Perturbation Approach to Calculating the Behavior of Multi-cell Radiofrequency Accelerating Structures	Rees, John R.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	6/10/2015
1185181	Physical Picture of the Electromagnetic Fields Between Two Infinite Conducting Plates Produced by a Point Charge Moving at the Speed of Light	Chao, A.W.; Morton, P.L.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	6/10/2015
1187770	Physics Case for the International Linear Collider	Fujii, Keisuke; /KEK, Tsukuba; Grojean, Christophe; /DESY /CREA, Barcelona; Peskin, Michael E.; Barklow, Tim; /SLAC; Gao, Yuanning; /Tsinghua U.,	TR	SLAC	SLAC National Accelerator Laboratory	6/23/2015

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1209146	500 GeV ILC Operating Scenarios	Barklow, T.; Brau, J.; Fujii, K.; Gao, J.; List, J.; Walker, N.; Yokoya, K.;	TR	SLAC	SLAC National Accelerator Laboratory	7/2/2015
1212282	Evaluation of Laser Stabilization and Imaging Systems for LCLS-II - Oral Presentation	Barry, Matthew; /Auburn U.;	TR	SLAC	SLAC National Accelerator Laboratory	8/19/2015
1213209	Engineering at SLAC: Designing and Constructing Experimental Devices for SSRL - Oral Presentation	Djang, Austin; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	8/21/2015
1213210	Design and Evaluation of a Clock Multiplexing Circuit for the SSRL Booster Accelerator Timing System - Final Paper	Araya, Million	TR	SLAC	SLAC National Accelerator Laboratory	8/21/2015
1213211	Peer Review of Alex Ramsey's Presentation	Araya, Million	TR	SLAC	SLAC National Accelerator Laboratory	8/21/2015
1213212	Design and Evaluation of a Clock Multiplexing Circuit for the SSRL Booster Accelerator Timing System - General Abstract	Araya, Million	TR	SLAC	SLAC National Accelerator Laboratory	8/21/2015
1213193	VariableR reclustering in multiple top quark events - Oral Presentation	Hyde, Jeremy; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213207	Peer Review of Million Araya's Presentation	Djang, Austin	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213208	Engineering at SLAC: Designing and Constructing Experimental Devices for the SSRL - General Abstract	Djang, Austin	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213173	Shaping X-Ray Pulses at LCLS - Oral Presentation	West, Gavin	TR	SLAC	SLAC National Accelerator Laboratory	8/25/2015
1213213	Design and Evaluation of a Clock Multiplexing Circuit for the SSRL Booster Accelerator Timing System - Oral Presentation	Araya, Million; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	8/25/2015
1214429	Modeling high-energy gamma-rays from the Fermi Bubbles	Splettstoesser, Megan	TR	SLAC	SLAC National Accelerator Laboratory	9/17/2015
1214430	Peer review of Ryan Dungee's presentation by Megan Splettstoesser	Splettstoesser, Megan	TR	SLAC	SLAC National Accelerator Laboratory	9/17/2015
1171473	A Massively Parallel Solver for the Mechanical Harmonic Analysis of Accelerator Cavities	Kononenko, O. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	2/17/2015
1179171	An Overview of High-performance Parallel Big Data transfers over multiple network channels with Transport Layer Security (TLS) and TLS plus Perfect Forward Secrecy	Fang, Chin [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Corttrel, R. A. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	5/6/2015
1213976	Papers from U.S. Department of Energy Science Undergraduate Laboratory Internship Program (SULI) and Community College Internship Program (CCI) 2015	Cuellar, Enrique [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/1/2015
1213201	Mapping all the mass in the universe (with weak gravitational lensing) - Oral Presentation	Everett, Spencer [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/13/2015
1213189	Flexibility and utility of pre-processing methods in converting STXM setups for ptychography - Final Paper	Fromm, Catherine [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/20/2015
1213198	Predicting weak lensing statistics from halo mass reconstructions - Final Paper	Everett, Spencer [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/20/2015
1213202	Testing an e2v CCD230-42 sensor for dark current performance at ambient temperatures - Final Paper	Dungee, Ryan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/20/2015
1213977	Optical tailoring of xFEL beams	West, Gavin [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Coffee, R. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/20/2015
1213199	Peer review of Jarred Gillette's presentation by Spencer Everett	Everett, Spencer [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213200	Predicting weak lensing statistics from halo mass reconstructions - General Abstract	Everett, Spencer [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213203	Peer review of Spencer Everett's presentation	Dungee, Ryan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213204	Project summary	Dungee, Ryan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213205	Quantifying the performance of charge-coupled devices in ambient conditions - Oral presentation	Dungee, Ryan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2015
1213194	Characterizing high-energy light curves of Fermi/LatGRBs - Oral Presentation	Gillette, Jarred [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/23/2015
1213195	Mapping correlation of a simulated dark matter source and a point source in the gamma-ray sky - Oral Presentation	Gibson, Alexander [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/23/2015
1213196	Channeling, volume reflection and gamma emission using 14GeV electrons in bent silicon crystals - Oral presentation	Benson, Brandon [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/23/2015

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1213197	Ptychography: Pushing the limits of X-ray microscopy	Fromm, Cayla [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/23/2015
1213188	Probing warm dense silica with betatron radiation - Oral Presentation	Kotick, Jordan [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/24/2015
1213190	SULI 2015 peer review: Joshua Przepioski	Fromm, Catherine [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/25/2015
1213191	Flexibility and utility of pre-processing methods in converting stxm setups for ptychography - General Abstract	Fromm, Catherine A. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/25/2015
1213162	Overview of High Power Vacuum Dry RF Load Designs	Krasnykh, Anatoly [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/27/2015
1213978	Peer review of Adrienne Tia's presentation by Gavin West	West, Gavin [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/29/2015
1213979	Optical tailoring of xFEL beams - General Abstract	West, Gavin [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	8/29/2015
1222458	LHC forward physics	Cartiglia, N. [SLAC National Accelerator Laboratory (SLAC), Menlo Park, CA (United States)]; Royon, C. [SLAC National Accelerator Laboratory (SLAC),	TR	SLAC	SLAC National Accelerator Laboratory	10/2/2015

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1254495	A High-Efficiency, Low Cost, High-Temperature Nanocomposite Soft Magnetic Materials for Vehicle Power Electronics.	Anderson, Iver [Ames Laboratory (AMES), Ames, IA (United States)]; White, Emma [Ames Laboratory (AMES), Ames, IA (United States)]; Byrd, David	TR	AMES	Ames Laboratory (AMES), Ames, IA (United States)	2/3/2016
1254493	Report 1: International Cooperation to Development of Strategy and R&D Collaboration for Substitution of Rare Earth Resources and Report 2: Development of Mangetocaloric	Lee, Min Ha [Ames Laboratory (AMES), Ames, IA (United States)]; Ott, Ryan [Ames Laboratory (AMES), Ames, IA (United States)]	TR	AMES	Ames Laboratory (AMES), Ames, IA (United States)	5/26/2016
1236451	Survey of U.S. Ancillary Services Markets	Zhou, Zhi [Argonne National Lab. (ANL), Argonne, IL (United States)]; Levin, Todd [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1238045	Independent Review of Elemental Phosphorus Remediation at the Eastern Michaud Flats FMC Operable Unit near Pocatello, Idaho	Martino, L. E. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Jerden, J. J. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1238150	Medical Isotope Production Analyses In KIPT Neutron Source Facility	Talamo, Alberto [Argonne National Lab. (ANL), Argonne, IL (United States)]; Gohar, Yousry [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1240156	Optimization of the Processing of Mo Disks	Tkac, Peter [Argonne National Lab. (ANL), Argonne, IL (United States)]; Rotsch, David A. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1327813	Visual Resource Analysis for Solar Energy Zones in the San Luis Valley	Sullivan, Robert [Argonne National Laboratory (ANL), Argonne, IL (United States). Environmental Science Division]; Abplanalp, Jennifer M. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1327831	Loss-of-Flow and Loss-of-Pressure Simulations of the BR2 Research Reactor with HEU and LEU Fuel	Licht, J. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bergeron, A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Dionne, B. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1327832	Supplemental Thermal-Hydraulic Transient Analyses of BR2 in Support of Conversion to LEU Fuel	Licht, J. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Dionne, B. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Sikik, E. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1329392	Immobilization of Organic Radioactive and Non-Radioactive Liquid Waste in a Composite Matrix - Final CRADA Report	Gelis, Artem V. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1330575	Experimental studies of Micro- and Nano-grained UO <sub>2</sub> : Grain Growth Behavior, Surface Morphology, and Fracture Toughness	Miao, Yinbin [Argonne National Lab. (ANL), Argonne, IL (United States)]; Mo, Kun [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1330783	Solidification Technologies for Radioactive and Chemical Liquid Waste Treatment - Final CRADA Report	Castiglioni, Andrew J. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Gelis, Artem V. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1331383	Engine Benchmarking - Final CRADA Report	Wallner, Thomas [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	1/1/2016
1240158	Foundational Report Series: Advanced Distribution Management Systems for Grid Modernization, High-Level Use Cases for DMS	Wang, Jianhui [Argonne National Lab. (ANL), Argonne, IL (United States)]; Lu, Xiaonan [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/1/2016
1240157	PROTEUS-SN User Manual	Shemon, Emily R. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Smith, Micheal A. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/16/2016
1326788	Development of Capacitors for Power Electronics in Hybrid Vehicles	Balachandran, U. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/16/2016
1250457	Vehicle Technologies and Fuel Cell Technologies Program: Prospective Benefits Assessment Report for Fiscal Year 2016	Stephens, T. S. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Taylor, C. H. [TA Engineering, Inc., Catonsville, MD (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/23/2016
1246340	FASTER test reactor preconceptual design report summary	Grandy, C. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Belch, H. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Brunett, [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/29/2016
1250465	SHARP Multiphysics Tutorials	Yu, Y. Q. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Shemon, E. R. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	2/29/2016
1242408	Development and Validation of Methodology to Model Flow in Ventilation Systems Commonly Found in Nuclear Facilities. Phase I	Strons, Philip [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bailey, James L. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/1/2016
1242409	Development and Validation of Methodology to Model Flow in Ventilation Systems Commonly Found in Nuclear Facilities - Phase II	Strons, Philip [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bailey, James L. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/1/2016
1249552	Supply Chain Sustainability Analysis of Fast Pyrolysis and Hydrotreating Bio-Oil to Produce Hydrocarbon Fuels	Adom, Felix K. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Cai, Hao [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/1/2016
1326909	Designing Advanced Ceramic Waste Forms for Electrochemical Processing Salt Waste	Ebert, W. L. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Snyder, C. T. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/1/2016
1249554	Thermal-Mechanical Stress Analysis of PWR Pressure Vessel and Nozzles under Grid Load-Following Mode: Interim Report on the Effect of Cyclic Hardening Material Properties and Pre-	Mohanty, Subhashish [Argonne National Lab. (ANL), Argonne, IL (United States)]; Soppet, William [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/15/2016
1245175	Efficient Adjoint Computation of Hybrid Systems of Differential Algebraic Equations with Applications in Power Systems	Abhyankar, Shrirang [Argonne National Lab. (ANL), Argonne, IL (United States)]; Anitescu, Mihai [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/31/2016
1249555	Argonne National Laboratory Annual Report 2015 of Laboratory Directed Research and Development Program Activities	Rank, Rebecca R. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/31/2016
1255236	SHARP User Manual	Yu, Y. Q. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Shemon, E. R. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Thomas, J. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	3/31/2016

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1250463	Light-Duty Vehicle Fuel Consumption Displacement Potential up to 2045	Moawad, Ayman [Argonne National Lab. (ANL), Argonne, IL (United States)]; Rousseau, Aymeric [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	4/1/2016
1250469	Performance Evaluation of Darshan 3.0.0 on the Cray XC30	Snyder, Shane [Argonne National Lab. (ANL), Argonne, IL (United States)]; Carns, Philip [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	4/1/2016
1255238	PETSc Users Manual Revision 3.7	Balay, Satish [Argonne National Lab. (ANL), Argonne, IL (United States)]; Abhyankar, S. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	4/1/2016
1260256	Onsite and Electric Backup Capabilities at Critical Infrastructure Facilities in the United States	Phillips, Julia A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Wallace, Kelly E. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	4/1/2016
1260255	Applying DER-CAM for IIT Microgrid Expansion Planning	Shahidehpour, Mohammad [Illinois Inst. of Technology, Chicago, IL (United States)]; Li, Zuyi [Illinois Inst. of Technology, Chicago, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	4/19/2016
1255232	Plug-in Electric Vehicle Policy Effectiveness: Literature Review	Zhou, Yan [Argonne National Lab. (ANL), Argonne, IL (United States)]; Levin, Todd [Argonne National Lab. (ANL), Argonne, IL (United States)]; Plotkin,	TR	ANL	Argonne National Lab. (ANL), Argonne	5/1/2016
1281141	Assessing the Macroeconomic Importance of Gasoline and Vehicle Spending	Santini, Danilo J. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Poyer, David A. [Morehouse College, Atlanta, GA (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	5/1/2016
1281148	APS Science 2015: Research and Engineering Highlights from the Advanced Photon Source at Argonne National Laboratory	Fenner, Richard B. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	5/1/2016
1314092	Investigation of Aerodynamic Interference of Double Deck Bridges	Sitek, M. A. [Argonne National Lab. (ANL), Argonne, IL (United States). Energy Systems Division. Transportation Research and Analysis	TR	ANL	Argonne National Lab. (ANL), Argonne	5/1/2016
1251406	EERE-VTO T2M Project Final Report - Ideation of a Novel Commercialization Model	Chamberlain, Jeffrey P. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	5/3/2016
1281147	Development of Solvent Extraction Approach to Recycle Enriched Molybdenum Material	Tkac, Peter [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Brown, M. Alex [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	6/1/2016
1314088	Optimization of SHINE Process: Design and Verification of Plant-Scale AG 1 Anion-Exchange Concentration Column and Titania Sorbent Pretreatment	Stepinski, Dominique C. [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Abdul, Momen [Argonne	TR	ANL	Argonne National Lab. (ANL), Argonne	6/1/2016
1327819	Three Dimensional Analysis of the Final Design of Pier Extensions and West Guide Wall to Mitigate Local Scour Risk at the BNSF Railroad Bridge Downstream of the Prado Dam	Lottes, S. A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Sinha, N. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne	6/1/2016
1330565	Passive Safety Features Evaluation of KIPT Neutron Source Facility	Zhong, Zhaopeng [Argonne National Lab. (ANL), Argonne, IL (United States)]; Gohar, Yousry [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	6/1/2016
1281137	Life-cycle analysis of energy use, greenhouse gas emissions, and water consumption in the 2016 MYPP algal biofuel scenarios	Frank, Edward [Argonne National Lab. (ANL), Argonne, IL (United States)]; Pegallapati, Ambica K. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	6/16/2016
1326956	NCD Diamond Semiconductor System for Advanced Power Electronics Systems Integration : CRADA report	Sumant, Anirudha [AKHAN Semiconductor, Inc., Hoffman Estates, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	7/22/2016
1326966	Voltammetry Method Evaluation	Hoyt, N. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Pereira, C. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Willit, J.	TR	ANL	Argonne National Lab. (ANL), Argonne	7/29/2016
1281146	Well-to-Wheels Greenhouse Gas Emission Analysis of High-Octane Fuels with Ethanol Blending: Phase II Analysis with Refinery Investment Options	Han, Jeongwoo [Argonne National Lab. (ANL), Argonne, IL (United States). Energy Systems Division]; Wang, Michael [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1307654	Systematic Evaluation of Stochastic Methods in Power System Scheduling and Dispatch with Renewable Energy	Wang, Yishen [Univ. of Washington, Seattle, WA (United States); Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1307655	Stochastic Methods Applied to Power System Operations with Renewable Energy: A Review	Zhou, Z. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Liu, C. [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1314086	FY16 Status Report on Development of Integrated EPP and SMT Design Methods	Jetter, R. I. [R.I. Jetter Consulting, Pebble Beach, CA (United States)]; Sham, T. -L. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Wang, Y.	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1330573	Micro-SHINE Uranyl Sulfate Irradiations at the Linac	Youker, Amanda J. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Kalensky, Michael [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1331672	US Efforts in Support of Examinations at Fukushima Daiichi � 2016 Evaluations	Amway, P. [Exelon Corp., Chicago, IL (United States)]; Andrews, N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bixby,	TR	ANL	Argonne National Lab. (ANL), Argonne	8/1/2016
1327817	Rate Theory Modeling and Simulation of Silicide Fuel at LWR Conditions	Miao, Yinbin [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Ye, Bei [Argonne National Lab. (ANL),	TR	ANL	Argonne National Lab. (ANL), Argonne	8/29/2016
1326598	Effects of Lower Drying-Storage Temperature on the Ductility of High-Burnup PWR Cladding	Billone, M. C. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Burtseva, T. A. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	8/30/2016
1327830	Lifecycle analysis of renewable natural gas and hydrocarbon fuels from wastewater treatment plants' sludge	Lee, Uisung [Argonne National Lab. (ANL), Argonne, IL (United States)]; Han, Jeongwoo [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1329640	Understanding Emerging Impacts and Requirements Related to Utility-Scale Solar Development	Hartmann, Heidi M. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Grippo, Mark A. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016

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1330563	SHINE and Mini-SHINE Column Designs for Recovery of Mo from 140 g-U/L Uranyl Sulfate	Stepinski, Dominique C. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Vandegrift, George F. [Argonne National Lab. (ANL), Argonne,	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1330564	Idling Reduction for Long-Haul Trucks: An Economic Comparison of On-Board and Wayside Technologies	Gaines, Linda [Argonne National Lab. (ANL), Argonne, IL (United States)]; Weikersheimer, Patricia [Argonne National Lab. (ANL), Argonne, IL	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1330567	Steady-State Thermal-Hydraulics Analyses for the Conversion of the BR2 Reactor to LEU	Licht, J. R. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bergeron, A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Dionne, B.	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1330574	Climate Models Datasets for Climate Assessments: A Summary for the State of Maine	Kotamarthi, V. Rao [Argonne National Lab. (ANL), Argonne, IL (United States)]; Wang, Jiali [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1331320	Optimization of the dissolution of molybdenum disks. FY-16 results	Tkac, Peter [Argonne National Lab. (ANL), Argonne, IL (United States)]; Rotsch, David A. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1331340	Research and Development Opportunities for Technologies to Influence Water Consumption Behavior	Levin, Todd [Argonne National Lab. (ANL), Argonne, IL (United States)]; Horner, Robert M. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1331365	Low-enriched uranium high-density target project. Compendium report	Vandegrift, George [Argonne National Lab. (ANL), Argonne, IL (United States)]; Brown, M. Alex [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1331616	Study the Cyclic Plasticity Behavior of 508 LAS under Constant, Variable and Grid-Load-Following Loading Cycles for Fatigue Evaluation of PWR Components	Mohanty, Subhashish [Argonne National Lab. (ANL), Argonne, IL (United States)]; Barua, Bipul [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne	9/1/2016
1324704	Status Report on Ex-Vessel Coolability and Water Management	Farmer, M. T. [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Robb, K. R. [Oak Ridge National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	9/15/2016
1327833	Simulated Fission Gas Behavior in Silicide Fuel at LWR Conditions	Miao, Yinbin [Argonne National Lab. (ANL), Argonne, IL (United States)]; Mo, Kun [Argonne National Lab. (ANL), Argonne, IL (United States)];	TR	ANL	Argonne National Lab. (ANL), Argonne	9/15/2016
1334186	Camellia v1.0 Manual: Part I	Roberts, Nathan V. [Argonne National Lab. (ANL), Argonne, IL (United States). Argonne Leadership Computing Facility]	TR	ANL	Argonne National Lab. (ANL), Argonne	9/28/2016
1331319	Brain Implants for Prediction and Mitigation of Epileptic Seizures - Final CRADA Report	Gopalsami, Nachappa [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	9/29/2016
1330572	Coupling the System Analysis Module with SAS4A/SASSYS-1	Fanning, T. H. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Hu, R. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	9/30/2016
1328741	Waste Treatment of Acidic Solutions from the Dissolution of Irradiated LEU Targets for 99-Mo Production	Bakel, Allen J. [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Conner, Cliff [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	10/1/2016
1331334	Summary of Expansions, Updates, and Results in GREETA® 2016 Suite of Models	None, None	TR	ANL	Argonne National Lab. (ANL), Argonne	10/1/2016
1334188	Well-to-Wheels Analysis of Compressed Natural Gas and Ethanol from Municipal Solid Waste	Lee, Uisung [Argonne National Lab. (ANL), Argonne, IL (United States). Energy Systems Division]; Han, Jeongwoo [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	10/1/2016
1334189	Regulatory Technology Development Plan - Sodium Fast Reactor: Mechanistic Source Term " Trial Calculation	Grabaskas, David [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Bucknor, Matthew [Argonne National	TR	ANL	Argonne National Lab. (ANL), Argonne	10/1/2016
1329386	Scale-up of Metal Hexacyanoferrate Cathode Material for Sodium Ion Batteries	Dzwiniel, Trevor L. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Pupek, Krzysztof Z. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	10/4/2016
1330576	Initial Comparison of Direct and Legacy Modeling Approaches for Radial Core Expansion Analysis	Shemon, Emily R. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	10/10/2016
1332759	MPAS Atmospheric Boundary Layer Simulation under Selected Stability Conditions: Evaluation Using the SWIFT Datasets	Kotamarthi, V. Rao [Argonne National Lab. (ANL), Argonne, IL (United States)]; Feng, Yan [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	10/12/2016
1329712	New Materials for Electric Drive Vehicles - Final CRADA Report	Carter, J. David [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	10/18/2016
1331318	A model of annular linear induction pumps	Momozaki, Yoichi [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	10/27/2016
1333832	Scalability of the LEU-Modified Cintichem Process: 3-MeV Van de Graaff and 35-MeV Electron Linear Accelerator Studies	Rotsch, David A. [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Brossard, Tom [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	10/31/2016
1334187	Development of solid materials for UF <sub>6</sub> sampling: FY16 Annual Report	Smith, Nicholas [Argonne National Lab. (ANL), Argonne, IL (United States). Nuclear Engineering Division]; Savina, Joseph [Argonne National Lab.	TR	ANL	Argonne National Lab. (ANL), Argonne	10/31/2016
1331336	Long-Term Monitoring of Desert Land and Natural Resources and Application of Remote Sensing Technologies	Hamada, Yuki [Argonne National Lab. (ANL), Argonne, IL (United States)]; Rollins, Katherine E. [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	11/1/2016
1331818	Experimental Investigation of Coolant Boiling in a Half-Heated Circular Tube - Final CRADA Report	Yu, Wenhua [Argonne National Lab. (ANL), Argonne, IL (United States)]; Singh, Dileep [Argonne National Lab. (ANL), Argonne, IL (United	TR	ANL	Argonne National Lab. (ANL), Argonne	11/1/2016
1332930	Cooperation in Green Car Technology R&D - Final CRADA report	Seong, Hee Je [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne	11/16/2016

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1333001	Electricity Transmission, Pipelines, and National Trails: An Analysis of Current and Potential Intersections on Federal Lands in the Eastern United States, Alaska, and Hawaii	Kuiper, James A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Krummel, John R. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	11/21/2016
1334081	Building-Wide, Adaptive Energy Management Systems for High-Performance Buildings: Final CRADA Report	Zavala, Victor M. [Argonne National Lab. (ANL), Argonne, IL (United States)]. Mathematics and Computer Science]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States)	10/27/2016
1324467	Cradle-to-Grave Lifecycle Analysis of U.S. Light-Duty Vehicle-Fuel Pathways: A Greenhouse Gas Emissions and Economic Assessment of Current (2015) and Future (2025-2030)	Elgowainy, Amgad [Argonne National Lab. (ANL), Argonne, IL (United States)]; Han, Jeongwoo [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Lab. (ANL), Argonne, IL (United States); National Renewable Energy Lab.	9/1/2016
1334289	Development of a laser Doppler displacement encoder system with ultra-low-noise-level for linear displacement measurement with subnanometer resolution - Final CRADA	Shu, Deming	TR	ANL	Argonne National Laboratory (ANL)	1/1/2016
1254857	Cradle-to-Grave Lifecycle Analysis of U.S. Light Duty Vehicle-Fuel Pathways: A Greenhouse Gas Emissions and Economic Assessment of Current (2015) and Future (2025-2030)	Elgowainy, Amgad; Han, Jeongwoo; Ward, Jacob; Joseck, Fred; Gohlke, David; Lindauer, Alicia; Ramsden, Todd; Biddy, Mary; Alexander, Marcus;	TR	ANL	Argonne National Laboratory (ANL)	6/1/2016
1245195	Case Study of Idling Reduction Technologies for Emergency Service Vehicles	Laughlin, Michael [Argonne National Lab. (ANL), Argonne, IL (United States)]; Owens, Russell J. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	1/1/2016
1245199	Assessment of Vehicle Sizing, Energy Consumption and Cost Through Large Scale Simulation of Advanced Vehicle Technologies	Moawad, Ayman [Argonne National Lab. (ANL), Argonne, IL (United States)]; Kim, Namdoon [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	1/1/2016
1245176	Regulatory Technology Development Plan - Sodium Fast Reactor. Mechanistic Source Term - Metal Fuel Radionuclide Release	Grabaskas, David [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bucknor, Matthew [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	2/1/2016
1245181	Exploring the Application of Optical Remote Sensing as a Method to Estimate the Depth of Backwater Nursery Habitats of the Colorado Pikeminnow	Hamada, Yuki [Argonne National Lab. (ANL), Argonne, IL (United States)]; LaGory, Kirk E. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	2/1/2016
1245184	Plant model of KIPT neutron source facility simulator	Cao, Yan [Argonne National Lab. (ANL), Argonne, IL (United States)]; Wei, Thomas Y. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	2/1/2016
1245186	Development of an Agent-based Model to Analyze Contemporary Helium Markets	Riddle, Matthew E. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Uckun, Canan [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	2/1/2016
1245192	Regulatory Technology Development Plan - Sodium Fast Reactor. Mechanistic Source Term - Trial Calculation. Work Plan	Grabaskas, David [Argonne National Lab. (ANL), Argonne, IL (United States)]; Bucknor, Matthew [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	2/1/2016
1245183	Analysis of the TREAT LEU Conceptual Design	Connaway, H. M. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Kontogeorgakos, D. C. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	3/1/2016
1245197	Supply Chain Sustainability Analysis of Indirect Liquefaction of Blended Biomass to Produce High Octane Gasoline	Cai, Hao [Argonne National Lab. (ANL), Argonne, IL (United States)]; Canter, Christina E. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	3/1/2016
1245185	Highlights of X-Stack ExM Deliverable Swift/T	Wozniak, Justin M. [Argonne National Lab. (ANL), Argonne, IL (United States)]	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	3/31/2016
1327815	Survey of U.S. Ancillary Services Markets	Zhou, Zhi [Argonne National Lab. (ANL), Argonne, IL (United States)]. Center for Energy, Environmental, and Economic Systems Analysis,	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	6/1/2016
1327818	Carbon Calculator for Land Use Change from Biofuels Production (CCLUB) Users Manual and Technical Documentation	Dunn, Jennifer B. [Argonne National Lab. (ANL), Argonne, IL (United States)]. Energy Systems Division]; Qin, Zhangcai [Argonne National Lab.	TR	ANL	Argonne National Laboratory (ANL), Argonne, IL (United States)	9/1/2016
1331115	Accelerator/Experiment Operations - FY 2016	Blake, A. [Argonne National Lab. (ANL), Argonne, IL (United States)]; Convery, M. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Argonne National Laboratory (ANL), Argonne, IL (United States)	10/1/2016
1302993	A Reassessment of Complementary Access Tools for Chemical Indicators	Siskind, Barry [Brookhaven National Lab. (BNL), Upton, NY (United States)]. Nonproliferation and National Security Dept.]; Stern, Warren	TR	BNL	Brookhaven National Lab. (BNL), Upton, NY (United States)	4/1/2016
1257957	Can YAG screen accept LEReC bunch train?	Seletskiy, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]. Collider-Accelerator Dept.]; Thieberger, P. [Brookhaven National Lab.	TR	BNL	Brookhaven National Lab. (BNL), Upton, NY (United States)	5/18/2016
1324265	Run 16, eIPM Summary	Connolly, R. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Dawson, C. [Brookhaven National Lab. (BNL), Upton, NY	TR	BNL	Brookhaven National Lab. (BNL), Upton, NY (United States)	8/5/2016
1257958	RHIC Polarization Decay in FY15 pp Run due to Polarization Profile Development	Huang, H. [Brookhaven National Lab. (BNL), Upton, NY (United States)]. Collider-Accelerator Dept.]; Adams, P. [Brookhaven National Lab. (BNL),	TR	BNL	Brookhaven National Lab. (BNL), Upton, NY (United States)	5/23/2016
1237188	CZT nanoRAIDER_VFG Factsheet	James, R. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Bolotnikov, A. E. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL), Upton, NY (United States)	1/15/2016
1240703	Forensic Analysis of Terrorist Counter-Financing to Combat Nuclear Proliferation	Drame, B. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Toler, L. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Bachner,	TR	BNL	Brookhaven National Laboratory (BNL), Upton, NY (United States)	2/1/2016
1240706	An electron storage ring proposal for the Ring-Ring eRHIC project	Tepikian, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Blaskiewicz, M. [Brookhaven National Lab. (BNL), Upton, NY	TR	BNL	Brookhaven National Laboratory (BNL), Upton, NY (United States)	2/22/2016
1326748	915-Mhz Wind Profiler for Cloud Forecasting at Brookhaven National Laboratory	Jensen, M. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Bartholomew, M. J. [Brookhaven National Laboratory (BNL),	TR	BNL	Brookhaven National Laboratory (BNL), Upton, NY (United States)	3/1/2016
1326751	Interpolated Sounding and Gridded Sounding Value-Added Products	Jensen, M. P. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Toto, T. [Brookhaven National Laboratory (BNL), Upton, NY	TR	BNL	Brookhaven National Laboratory (BNL), Upton, NY (United States)	3/1/2016



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1244213	Transverse beam dynamics in non-linear Fixed Field Alternating Gradient accelerators	Haj, Tahar M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Meot, F. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	3/2/2016
1245401	A reload and startup plan for conversion of the NIST research reactor	Diamond, D. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	3/31/2016
1326750	Radar Wind Profiler for Cloud Forecasting at Brookhaven National Laboratory (BNL) Field Campaign Report	Jensen, M. P. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Giangrande, S. E. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	4/1/2016
1326749	Atmospheric System Research Marine Low Clouds Workshop Report, January 27-29,2016	Jensen, M. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Wang, J. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	6/1/2016
1329782	Strategy for alignment of electron beam trajectory in LERec cooling section	Seletskiy, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Blaskiewicz, M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/23/2016
1326762	Natural Resource Management Plan	Green, T. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Schwager, K. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2016
1330502	FY2016 Parameters for gold ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/11/2016
1330503	FY2016 Parameters for deuterons and gold ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/14/2016
1329799	An Approach for Assessing Consequences of Potential Supply Chain and insider Contributed Cyber Attacks on Nuclear Power Plants	Chu, Tsong-Lun [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Varuttamaseni, Athi [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/1/2016
1329800	A Statistical Testing Approach for Quantifying Software Reliability; Application to an Example System	Chu, Tsong-Lun [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Varuttamaseni, Athi [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/1/2016
1326761	Overview and analysis of the 2016 Gold Run in the Booster and AGS	Zeno, K. [Brookhaven National Laboratory (BNL), Upton, NY (United States). Alternating Gradient Synchrotron]	TR	BNL	Brookhaven National Laboratory (BNL)	9/16/2016
1329798	AGS vertical beta function measurements for Run 15	Harper, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Ahrens, L. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/7/2016
1245379	RHIC FY15 pp Run RHIC and AGS polarization analysis	Huang, H. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Adams, P. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	2/20/2016
1326760	A close look at beam aborts with rise times less than 40 ms from the years 2014-2016. Case studies.	Drees, A. [Brookhaven National Laboratory (BNL), Upton, NY (United States). Relativistic Heavy Ion Collider]	TR	BNL	Brookhaven National Laboratory (BNL)	9/14/2016
1330504	Run 16 Tandem gold performance in the injectors and possible improvement with AGS type 6:3:1 bunch merge in the Booster	Zeno, Keith [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/21/2016
1255142	The Higgs Portal and Cosmology	Assamagan, Ketevi [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Chen, Chien-Yi [Perimeter Inst. for Theoretical Physics, Waterloo, ON (Canada)]	TR	FNAL	Brookhaven National Laboratory (BNL), Upton, NY (United States); Fermi National Accelerator Laboratory (FNAL)	4/18/2016
1324529	Final Report: Cooling Seasonal Energy and Peak Demand Impacts of Improved Duct Insulation on Fixed-Capacity (SEER 13) and Variable-Capacity (SEER 22) Heat Pumps	Withers, C. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]	TR	NREL	Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)	9/1/2016
1256329	2015 Fermilab Laboratory Directed Research & Development Annual Report	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Lab. (FNAL)	5/26/2016
1250872	TESLA & ILC Cryomodules	Peterson, T. J. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]; Weisend, Il, J. G. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1250876	Development and Production of a 201 MHz, 5.0 MW Peak Power Klystron	Aymar, Galen [Communications & Power Industries, Palo Alto, CA (United States)]; Eisen, Edward [Communications & Power Industries, Palo Alto, CA (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1260395	Study of a Docker Use-Case for HEP	Kowalkowski, Jim [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Lyon, Adam [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1250880	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 3: Long-Baseline Neutrino Facility for DUNE	Strait, James [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]; McCluskey, Elaine [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/21/2016
1255140	Instability of a witness bunch in a plasma bubble	Burov, A. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Lebedev, V. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	2/16/2016
1250871	Selected List of Low Energy Beam Transport Facilities for Light-Ion, High-Intensity Accelerators	Prost, L. R. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	2/17/2016
1250877	Limiting Magnitude, $\dot{I}_{\text{eff}}$ , and Image Quality in DES Year 1	Neilsen, Jr., H. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Bernstein, Gary [Univ. of Pennsylvania, Philadelphia, PA (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	3/3/2016
1250882	The Pierre Auger Observatory Upgrade - Preliminary Design Report	Aab, Alexander [Univ. Siegen (Germany); et al.]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	4/12/2016
1250875	MQXFS1 Quadrupole Design Report	Ambrosio, Giorgio [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States); et al.]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	4/14/2016

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1255143	Cosmic Visions Dark Energy. Science	Dodelson, Scott [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Heitmann, Katrin [Fermi National Accelerator Lab. (FNAL),	TR	FNAL	Fermi National Accelerator Laboratory	4/26/2016
1255144	Cosmic Visions Dark Energy: Technology	Dodelson, Scott [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Heitmann, Katrin [Fermi National Accelerator Lab. (FNAL),	TR	FNAL	Fermi National Accelerator Laboratory	4/26/2016
1255147	2016 Fermilab Laboratory Directed Research & Development Program Plan	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	5/25/2016
1255145	2014 Fermilab Laboratory Directed Research & Development Program Plan	Wester, W., editor	TR	FNAL	Fermi National Accelerator Laboratory	5/26/2016
1255148	2014 Fermilab Laboratory Directed Research & Development Annual Report	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	5/26/2016
1250878	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 4: The DUNE Detectors at LBNF	Acciarri, R. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	1/13/2016
1250879	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 1: The LBNF and DUNE Projects	Acciarri, R. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States); et al.]	TR	FNAL	Fermi National Accelerator Laboratory	1/22/2016
1255141	Recommendations on presenting LHC searches for missing transverse energy signals using simplified s-channel models of dark matter	Boveia, Antonio [European Organization for Nuclear Research (CERN), Geneva (Switzerland); Antwerp Univ., Wilrijk (Belgium)]; Buchmueller,	TR	FNAL	Fermi National Accelerator Laboratory	3/14/2016
1259949	High Temperature Fuel Cladding Chemical Interactions Between TRIGA Fuels and 304 Stainless Steel	Perez, Emmanuel [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Keiser, Jr., Dennis D. [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1261231	AGR-1, AGR-2 and AGR-3/4 Dimensional Change Data Analysis	Herberger, Sarah E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1262487	Tests to Reduce TorreCatã,ç Technology to Practice	Westover, Tyler [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Emerson, Rachel Marie [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/26/2016
1261241	Improved Quasi-Static Method: IQS Method Implementation for CFEM Diffusion in Rattlesnake	Prince, Zachary M. [Texas A & M Univ., College Station, TX (United States). Dept. of Nuclear Engineering]; Ragusa, Jean C. [Texas A & M Univ.,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/29/2016
1261240	Measured Thermal and Fast Neutron Fluence Rates for ATF-1 Holders During ATR Cycle 157D	Smith, Larry Don [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Miller, David Torbet [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262486	Drive Electric Vermont Case Study	Wagner, Fred [Energetics Incorporated, Columbia, MD (United States)]; Roberts, Dave [Vermont Energy Investment Corporation (VEIC), Burlington,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262488	RELAP-7 Theory Manual	Berry, Ray Alden [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zou, Ling [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhao,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262489	RELAP-7 Pressurizer Component Development Updates	Zhao, Haihua [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Hongbin [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262490	Glovebox Advanced Casting System Casting Optimization	Fielding, Randall Sidney [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262491	Digital Architecture Planning Model	Oxstrand, Johanna Helene [Idaho National Lab. (INL), Idaho Falls, ID (United States). Light Water Reactor Sustainability Program (LWRS)]; Al	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262493	Milestone report on MD potential development for uranium silicide	Yu, Jianguo [Idaho National Lab. (INL), Idaho Falls, ID (United States). Fuel Modeling and Simulation Dept.]; Zhang, Yongfeng [Idaho National Lab. (INL),	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262492	R&D Plan for RISMC Industry Application #1: ECCS/LOCA Cladding Acceptance Criteria	Szilard, Ronaldo Henriques [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Hongbin [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2016
1263500	A kinematically complete, interdisciplinary, and co-institutional measurement of the $\langle \sigma_{\text{tot}} \rangle$ cross section for nuclear safeguards science	Peters, W. A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States); Univ. of Tennessee, Knoxville, TN (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2016
1313939	A Well-Posed Two Phase Flow Model and its Numerical Solutions for Reactor Thermal-Fluids Analysis	Kadioglu, Samet Y. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Berry, Ray [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	8/1/2016
1333230	Evaluation of Erosion of the Dummy $\text{Al}_2\text{O}_3$ Plate 19 in YA Type ATR Fuel Element During Reactor PALM Cycles	Brower, Jeffrey O. [Idaho National Lab. (INL), Idaho Falls, ID (United States). Advanced Test Reactor]; Glazoff, Michael V. [Idaho National Lab. (INL),	TR	INL	Idaho National Lab. (INL), Idaho Falls,	8/1/2016
1333156	Status on the Component Models Developed in the Modelica Framework: High-Temperature Steam Electrolysis Plant & Gas Turbine Power Plant	Suk Kim, Jong [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; McKellar, Michael [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	10/1/2016
1261239	Performance Criteria for Capture and/or Immobilization Technologies	Jubin, R. T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, S. H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1333006	Nuclear-Renewable Hybrid Energy Systems: 2016 Technology Development Program Plan	Bragg-Sitton, Shannon M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Boardman, Richard [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1238542	Strategies, Protections and Mitigations for Electric Grid Affets from Electro-Magnetic Pulse	Foster, Rita Ann [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Frickey, Steven Jay [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho	1/1/2016

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1238543	High Temperature Gas-Cooled Test Reactor Point Design: Summary Report	Sterbentz, James William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bayless, Paul David [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1239881	Online Monitoring of Induction Motors	McJunkin, Timothy R. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Agarwal, Vivek [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1244641	Proctor and gamble technology process assessment for bioenergy production	Hu, Hongqiang [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Boardman, Richard Doin [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260448	2014 AFCI Glovebox Event Executive Summary	Campbell, Joseph Lenard [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260450	Idaho National Laboratory Technology to Market (T2M) Final Report	Wright, Christopher Todd [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bush, Jason William [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260454	GNS Castor V/21 Headspace Gas Sampling 2014	Winston, Philip Lon [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1245531	Silicon Carbide Temperature Monitor Processing Improvements. Status Report	Unruh, Troy Casey [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Daw, Joshua Earl [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/29/2016
1245532	RAVEN Beta Release	Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Alfonsi, Andrea [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1245533	RAVEN User Manual	Mandelli, Diego [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260449	2015 Annual Wastewater Reuse Report for the Idaho National Laboratory Site's Central Facilities Area Sewage Treatment Plant	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260451	2015 Groundwater Radiological Monitoring Results Associated with the Advanced Test Reactor Complex Cold Waste Ponds	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260452	2015 Annual Reuse Report for the Idaho National Laboratory Site's Advanced Test Reactor Complex Cold Waste Ponds	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260459	Enhanced Component Performance Study: Motor-Driven Pumps 1998-2014	Schroeder, John Alton [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260464	Readiness Review of BWXT for Fabrication of AGR-5/6/7 TRISO Particles	Marshall, Douglas William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Sharp, Michelle Tracy [Idaho National Lab. (INL), Idaho	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260466	First-of-A-Kind Control Room Modernization Project Plan	Thomas, Kenneth David [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260880	AGR-1 Compact 4-1-1 Post-Irradiation Examination Results	Demkowicz, Paul Andrew [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Harp, Jason M. [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1314469	HOMER Economic Models - US Navy	Bush, Jason William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Myers, Kurt Steven [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1239883	Laboratory Directed Research and Development FY-15 Annual Report	Pillai, Rekha Sukumar [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1245534	Snapshot Fiscal Year 2015 Laboratory Directed Research and Development	Pillai, Rekha Sukumar [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260447	Implementation Plan for Qualification of Sodium-Cooled Fast Reactor Technology Information	Moe, Wayne [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Honma, George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260453	High Temperature Gas-Cooled Test Reactor Point Design: Summary Report	Sterbentz, James William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bayless, Paul David [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260455	Idaho National Laboratory Quarterly Occurrence Analysis - 1st Quarter FY 2016	Mitchell, Lisbeth Ann [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260462	Off-Gas Adsorption Model Capabilities and Recommendations	Lyon, Kevin L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Welty, Amy K. [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260463	Multi-Column Experimental Test Bed Using CaSDB MOF for Xe/Kr Separation	Welty, Amy Keil [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Greenhalgh, Mitchell Randy [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260465	AGR-3/4 Irradiation Test Train Disassembly and Component Metrology First Look Report	Stempien, John Dennis [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rice, Francine Joyce [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1261013	Grizzly Usage and Theory Manual	Spencer, B. W. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Backman, M. [Univ. of Tennessee, Knoxville, TN (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1261014	Development plan for the External Hazards Experimental Group. Light Water Reactor Sustainability Program	Coleman, Justin Leigh [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smith, Curtis Lee [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016

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1261041	Proposed Risk-Informed Seismic Hazard Periodic Reevaluation Methodology for Complying with DOE Order 420.1C	Kammerer, Annie [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260461	Selection of Nuclear Fuel for TREAT: UO <sub>2</sub> vs U <sub>3</sub> O <sub>8</sub>	Glazoff, Michael Vasily [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Van Rooyen, Isabella Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1261012	High-Temperature Gas-Cooled Test Reactor Point Design	Sterbentz, James William [Idaho National Laboratory]; Bayless, Paul David [Idaho National Laboratory]; Nelson, Lee Orville [Idaho National Laboratory]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1261015	Superficial Velocity Effects on HZ-PAN and AgZ-PAN for Kr/Xe Capture	Welty, Amy Keil [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Garn, Troy Gerry [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1260312	RAVEN Theory Manual	Alfonsi, Andrea [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2016
1330693	Thermal Properties of G-348 Graphite	McEligot, Donald [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Swank, W. David [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	5/1/2016
1289848	Criticality safety evaluation for the Advanced Test Reactor enhanced low enriched uranium fuel elements	Montierth, Leland M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	7/19/2016
1331323	Computer Based Procedures for Field Workers - FY16 Research Activities	Oxstrand, Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bly, Aaron [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	9/1/2016
1334495	Generation and Use of Thermal Energy in the U.S. Industrial Sector and Opportunities to Reduce its Carbon Emissions	McMillan, Collin; Boardman, Richard; McKellar, Michael; Sabharwall, Piyush; Ruth, Mark; Bragg-Sitton, Shannon	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States); National Renewable Energy Laboratory	11/1/2016
1332540	Coordinating Demand-Side Efficiency Evaluation, Measurement and Verification Among Western States: Options for Documenting Energy and Non-Energy Impacts for	Schiller, Steven R. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Schwartz, Lisa C. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	6/22/2016
1326827	Use and engineering of efflux pumps for the export of olefins in microbes	Mukhopadhyay, Aindrila [Joint BioEnergy Inst. (JBEI), Emeryville, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/14/2016
1274412	Global Sensitivity and Data-Worth Analyses in iTOUGH2: User's Guide	Wainwright, Haruko Murakami [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States). Earth Sciences Division]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/15/2016
1332541	Analysis of Fuel Cell Markets in Japan and the US: Experience Curve Development and Cost Reduction Disaggregation	Wei, Max [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Smith, Sarah J. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/15/2016
1274416	Cross-scale Efficient Tensor Contractions for Coupled Cluster Computations Through Multiple Programming Model Backends	Ibrahim, Khaled Z. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States). Computational Research Division]; Epifanovsky, Yury [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/26/2016
1332326	DR Argillite Disposal R&D at LBNL	Zheng, Liang [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Kim, Kunhwi [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/12/2016
1332539	Planning for a Distributed Disruption: Innovative Practices for Incorporating Distributed Solar into Utility Planning	Mill, Andrew [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/19/2016
1332329	Low-Probability High-Consequence (LPHC) Failure Events in Geologic Carbon Sequestration Pipelines and Wells: Framework for LPHC Risk Assessment Incorporating Spatial	Oldenburg, Curtis M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Budnitz, Robert J. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/31/2016
1332325	Site Environmental Report for 2015	Pauer, Ron O. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Baskin, David A. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	9/30/2016
1235087	Statistical Projections for Multi-resolution, Multi-dimensional Visual Data Exploration and Analysis	Nguyen, Hoa T. [Univ. of Utah, Salt Lake City, UT (United States)]; Stone, Daithi [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/1/2016
1249186	Accelerating Energy Efficiency in Indian Data Centers. Final Report for Phase I Activities	Ganguly, Suprotim [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Raje, Sanyukta [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/1/2016
1237686	Rendering and Compositing Infrastructure Improvements to Visit for Insitu Rendering	Loring, Burlen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Ruebel, Oliver [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/28/2016
1236443	Energy Savings Lifetimes and Persistence	Hoffman, Ian M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Schiller, Steven R. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	2/1/2016
1332135	An XML-hierarchical data structure for ENSDF	Hurst, Aaron M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	3/15/2016
1249188	U.S. Renewables Portfolio Standards: 2016 Annual Status Report	Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/1/2016
1249499	Commercial Discount Rate Estimation for Efficiency Standards Analysis	Fujita, K. Sydney [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/13/2016
1247476	User Instructions for the Policy Analysis Modeling System (PAMS)	McNeil, Michael A.; Letschert, Virginie E.; Van Buskirk, Robert D.	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/15/2016
1249184	Sustainable Energy Solutions for Rural Alaska	Allen, Riley [Regulatory Assistance Project, Montpelier, VT (United States)]; Brutkoski, Donna [Regulatory Assistance Project, Montpelier, VT (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/22/2016

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1249500	DNA Everywhere. A Guide for Simplified Environmental Genomic DNA Extraction Suitable for Use in Remote Areas	Pecora, Gabrielle N. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Reid, Francine C. [Lawrence Berkeley National Lab.	TR	LBNL	Lawrence Berkeley National Laborator	5/1/2016
1311630	GeoT Userâ€™s Guide, A Computer Program for Multicomponent Geothermometry and Geochemical Speciation, Version 2.1	Spycher, Nicolas [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Peiffer, Loic [Lawrence Berkeley National Lab. (LBNL), Berkeley,	TR	LBNL	Lawrence Berkeley National Laborator	6/6/2016
1328750	Cooperative Institute for Research in the Atmosphere (CIARA) Requirements Review	Zurawski, Jason, W; Mace, Kathryn, P	TR	LBNL	Lawrence Berkeley National Laborator	8/11/2016
1306290	Deep Borehole Field Test Research Activities at LBNL	Dobson, Patrick [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Tsang, Chin-Fu [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	8/19/2016
1306333	Laboratory Experiments on Bentonite Samples: FY16 Progress	Tinnacher, Ruth M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Tournassat, Christophe [Lawrence Berkeley	TR	LBNL	Lawrence Berkeley National Laborator	8/22/2016
1306332	Thermodynamic Studies to Support Actinide/Lanthanide Separations	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	9/4/2016
1306331	Thermodynamic Studies to Support Extraction of Uranium from Seawater	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	9/12/2016
1332134	TOGA: A TOUGH code for modeling three-phase, multi-component, and non-isothermal processes involved in CO <sub>2</sub> -based Enhanced Oil Recovery	Pan, Lehua [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States); Univ. of California, Berkeley, CA (United States)];	TR	LBNL	Lawrence Berkeley National Laborator	10/10/2016
1332747	Enhanced Mixed Feedstock Processing Using Ionic Liquids	Simmons, Blake A [Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	10/22/2016
1329711	A Portable Cryo-Plunger for Cryogenic Microscopy Sample Preparation in Natural Environments	Comoli, Luis [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Duarte, Robert [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	10/24/2016
1329713	Berkeley Lighting Cone	Lask, Kathleen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Gadgil, Ashok [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	10/24/2016
1332131	Current Practices in Efficiency Financing: An Overview for State and Local Governments	Leventis, Greg [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Fadronc, Emily Martin [Lawrence Berkeley National Lab.	TR	LBNL	Lawrence Berkeley National Laborator	11/1/2016
1236132	Multigrid Reduction in Time for Nonlinear Parabolic Problems	Falgout, R. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Manteuffel, T. A. [Univ. of Colorado, Boulder, CO (United	TR	LLNL	Lawrence Livermore National Lab. (LL	1/4/2016
1240983	Performance Analysis, Modeling and Scaling of HPC Applications and Tools	Bhatele, Abhinav [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	1/13/2016
1253686	SPE5 Sub-Scale Test Series Summary Report	Vandersall, Kevin S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Reeves, Robert V. [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LL	1/14/2016
1239182	Science & Technology Review January/February 2016	Orme, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, C. N. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	1/18/2016
1239221	Multiframe, Single Line-of-Sight X-Ray Imager for Burning Plasmas	Baker, Kevin L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	1/28/2016
1239195	AlignCT: Fine alignment for x-ray computed tomography systems	Divin, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/1/2016
1239196	Working Group on Virtual Data Integration	Williams, D. N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Palanisamy, G. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239198	Milestone Report - Level-2 Milestone 5589: Modernization and Expansion of LLNL Archive Disk Cache	Shoopman, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239218	2015 Cross-Domain Deterrence Seminar Bibliography	Juarez, Anthony [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239230	Parallel-In-Time For Moving Meshes	Falgout, R. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Manteuffel, T. A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239176	Mechanism for Clastogenic Activity of Naphthalene. Quarterly Technical Progress Report	Buchholz, B. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/5/2016
1239220	Final Report: Spectral Analysis of L-shell Data in the Extreme Ultraviolet from Tokamak Plasmas	Lepson, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jernigan, J. Garrett [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/5/2016
1239197	Environmental Monitoring Plan - February 2016	Gallegos, G. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bertoldo, N. A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/8/2016
1241964	SW21 Summary Report	Juarez, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/10/2016
1239214	ROPE: Recoverable Order-Preserving Embedding of Natural Language	Widemann, David P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wang, Eric X. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/11/2016

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1256433	Summary of Building Protection Factor Studies for External Exposure to Ionizing Radiation	Dillon, Michael B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kane, Jave [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/17/2016
1240975	Solving Graph Laplacian Systems Through Recursive Bisections and Two-Grid Preconditioning	Ponce, Colin [Cornell Univ., Ithaca, NY (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/18/2016
1240981	Ignition and Growth Reactive Flow Model for IMX-101	Tarver, Craig M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1241939	Analysis of 2015 Meteorological Data from the Bettis Atomic Power Laboratory	Aluzzi, F. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1241945	Analysis of 2015 Meteorological Data from the Knolls Atomic Power Laboratory and Kesselring Site Operations Facilities	Aluzzi, F. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1240930	MULTILEVEL MONTE CARLO (MLMC) SIMULATIONS: PERFORMANCE RESULTS FOR SPE10 (XY SLICES)	Kalchev, Delyan [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/26/2016
1240926	MacBurn's cylinder test problem	Shestakov, Aleksei I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/29/2016
1240990	Final Report (BMW Project No.: 02 E 10971): Joint project: Retention of radionuclides relevant for final disposal in natural clay rock and saline systems - Subproject 2: Geochemical	Schmeide, Katja [Helmholtz-Zentrum Dresden, (Germany). Inst. of Resource Ecology]; Fritsch, Katharina [Helmholtz-Zentrum Dresden,	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/29/2016
1241949	The MIDAS touch for Accurately Predicting the Stress-Strain Behavior of Tantalum	Jorgensen, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/2/2016
1241980	Lawrence Livermore National Laboratory Experimental Test Site (Site 300) Potable Water System Operations Plan	Ocampo, Ruben P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bellah, Wendy [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/4/2016
1241967	Some Thoughts on the Role of non-LTE Physics in ICF	Colvin, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/7/2016
1253674	Working Group on Virtual Data Integration	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/7/2016
1259775	Scanning Electron Microscopy (SEM) Procedure for HE Powders on a LEO 438VP System	Zaka, Fowzia [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Energetic Materials Center]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/8/2016
1241976	Load Deflection of Dow Corning SE 1700 Face Centered Tetragonal Direct Ink Write Materials: Effect of Thickness and Filament Spacing	Small, Ward [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pearson, Mark A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/9/2016
1241981	Load Deflection of Dow Corning SE 1700 Simple Cubic Direct Ink Write Materials: Effect of Thickness and Filament Spacing	Small, Ward [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pearson, Mark A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/9/2016
1247286	Laser Propagation in Nanostructured Ultra-Low-Density Materials	Fournier, K. B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Colvin, J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/15/2016
1248296	Evaluation of the Fluence Conversion Factor for $\alpha$ in Sulfur	Wong, C. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/18/2016
1247281	Polarimetric ISAR: Simulation and image reconstruction	Chambers, David H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1248275	Status of Indirect Drive ICF Experiments on the National Ignition Facility	Dewald, E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1259748	Scanning Electron Microscopy (SEM) Procedure for HE Powders on a LEO 438VP System	Zaka, Fowzia [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Energetic Materials Center]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1259757	California GAMA Special Study: Importance of River Water Recharge to Selected Groundwater Basins	Visser, Ate [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Moran, Jean E. [California State Univ. East Bay (CalState),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1254390	Characterization of low concentration uranium glass working materials	Eppich, G. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wimpenny, J. B. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/22/2016
1248284	A New Approach to Charged Particle Slowing Down and Dispersion	Stevens, David E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/24/2016
1247278	Probabilistic Seismic Hazards Update for LLNL	Menchawi, O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Fernandez, A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/30/2016
1248278	Developing a Learning Algorithm-Generated Empirical Relaxer	Mitchell, Wayne [Univ. of Colorado, Boulder, CO (United States). Dept. of Applied Math]; Kallman, Josh [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/30/2016
1252630	Neutron Spectra, Fluence and Dose Rates from Bare and Moderated Cf-252 Sources	Radev, Radoslav P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/1/2016
1253685	5th Annual Earth System Grid Federation	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/1/2016

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1248270	White Paper on Nuclear Astrophysics and Low Energy Nuclear Physics - Part 1. Nuclear Astrophysics	Arcones, Almudena [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Escher, Jutta E. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/4/2016
1255186	Science & Technology Review April/May 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/6/2016
1248302	Passive seismic investigation of Harrat Rahat	Mellors, Robert J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/7/2016
1329357	Resource for the Development of Biomedical Accelerator Mass Spectrometry (AMS)	Turteltaub, K. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bench, G. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/8/2016
1248318	Air Blasts from Cased and Uncased Explosives	Glenn, L. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/12/2016
1332474	DOE Centers of Excellence Performance Portability Meeting	Neely, J. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/21/2016
1256443	Method to Compute CT System MTF	Kallman, Jeffrey S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/3/2016
1254393	Livermore Accelerator Source for Radionuclide Science (LASRS)	Anderson, Scott [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bleuel, Darren [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/5/2016
1256434	LLNL contributions to ANL Report ANL/NE-16/6 "Sharp User Manual"	Solberg, J. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1256452	Fabrication of Gamma Detectors Based on Magnetic Ag:Er Microcalorimeters	Friedrich, Stephan [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Boyd, Stephen [Univ. of New Mexico, Albuquerque, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1258520	High-foot Implosion Workshop (March 22-24, 2016) Report	Hurricane, O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1305883	Probabilistic Seismic Hazard Assessment for Iraq	Onur, Tuna [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gok, Rengin [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1256442	2016 Earth System Grid Federation Annual Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/10/2016
1258548	Initiated chemical vapor deposited nanoadhesive for bonding National Ignition Facility's targets	Lee, Tom [Univ. of California, Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/19/2016
1255187	Summer Project on Exponential Convergence for IMC	Gentile, N [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1258538	Fault Tolerance Assistant (FTA): An Exception Handling Programming Model for MPI Applications	Fang, Aiman [Univ. of Chicago, IL (United States). Dept. of Computer Science]; Laguna, Ignacio [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1259752	Role of Off-Line-of-Sight Propagation in Geomagnetic EMP Formation	Kruger, Hans W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1258527	A Few Thoughts on the E-Tunnel Discharge at Rainier Mesa, Nevada National Security Site	Tompson, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/27/2016
1258549	Task 4 Improvised Nuclear Device Response Curves	Alai, Maureen [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Neuscaman, Stephanie [Lawrence Livermore	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/31/2016
1332468	Remixing the "Appropriate Mix": Reassessing NATO's Deterrence and Defense Posture in the Face of New Threats	Juarez, Anthony [Univ. of California, Berkeley, CA (United States). Richard and Rhoda Goldman School of Public Policy]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/31/2016
1258537	Final Report on DTRA Basic Research Project #BRCALL08-Per3-C-2-0006 "High-Z Non-Equilibrium Physics and Bright X-ray Sources with New Laser Targets"	Colvin, Jeffrey E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1260503	Science & Technology Review June 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Chinn, Ken B. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1260508	LLNL NESHAPs 2015 Annual Report - June 2016	Wilson, K. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gallegos, G. M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1257298	Variance of High-frequency Precipitation	Covey, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gehne, M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/3/2016
1260469	DCNL 4-Hour Report	Marks, Naomi E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/3/2016
1258517	An Informal Overview of the Unitary Group Approach	Sonnad, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Escher, J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/13/2016
1321434	Demonstration of a Prototype Hydrogen Sensor and Electronics Package - Progress Report 2	Wu, Amanda S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brosha, Eric [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/14/2016

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1321441	In-situ X-ray CT results of damage evolution in L6 ordinary chondrite meteorites	Cuadra, Jefferson A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hazeli, Kavan [Univ. of Alabama, Huntsville, AL (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/17/2016
1260506	Dynamic Mesh Adaptation for Front Evolution Using Discontinuous Galerkin Based Weighted Condition Number Mesh Relaxation	Greene, Patrick T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Schofield, Samuel P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/21/2016
1281678	Mechanism for Clastogenic Activity of Naphthalene	Buchholz, Bruce A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/24/2016
1325877	Modulus of Elasticity and Thermal Expansion Coefficient of ITO Film	Carter, Austin D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Elhadj, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/24/2016
1281679	Subsurface Biogeochemistry of Actinides	Kersting, Annie B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Univ. Relations and Science Education]; Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/29/2016
1305853	Science & Technology Review July/August 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/18/2016
1297649	Joint FAM/Line Management Assessment Report on LLNL Machine Guarding Safety Program	Armstrong, J. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/19/2016
1289355	Global Gene Expression Differences in Joints of Mice with Divergent Post Traumatic Osteoarthritis Phenotypes	Kibui, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/28/2016
1325861	Compilation of LLNL CUP-2 Data	Eppich, G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kips, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/31/2016
1289356	Spent Fuel Ratio Estimates from Numerical Models in ALE3D	Margraf, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Dunn, T. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/2/2016
1321420	Demonstration of a prototype hydrogen sensor and electronics package	Wu, Amanda S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brosha, Eric [Los Alamos National Lab. (LANL), Los Alamos, NM]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/3/2016
1332466	Cross Domain Deterrence: Livermore Technical Report, 2014-2016	Barnes, Peter D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bahney, Ben [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/3/2016
1297653	CHIRP-Like Signals: Estimation, Detection and Processing A Sequential Model-Based Approach	Candy, J. V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1305893	The Enhancement of Gas Pressure Diagnostics in the P-ODTX System	Hsu, Peter C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jones, Aaron [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1297657	Study of the integrity of pressurized LEH window assemblies at cryogenic temperatures for NIF targets	Hamza, H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/5/2016
1305826	Design and testing of microfabricated surgical tools for large animal probe insertion	Jorgensen, Shelly [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/5/2016
1297651	Structure And Mobilities Of Tungsten Grain Boundaries Calculated From Atomistic Simulations	Frolov, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Rudd, R. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/9/2016
1313544	Mass Casualty Chemical Incident Operational Framework, Assessment and Best Practices	Greenwalt, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hibbard, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/9/2016
1305820	Silicone Molding and Lifetime Testing of Peripheral Nerve Interfaces for Neuroprostheses	Gupte, Kimaya [Case Western Reserve Univ., Cleveland, OH (United States). Dept. of Biomedical Engineering]; Tolosa, Vanessa [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/10/2016
1305818	Responses to Deficiencies and Suggestions, AIHA Site Assessment July 12-14, 2016	Bennett, Jack T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Harding, Ruth N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/11/2016
1297644	Magnetic Fields on the National Ignition Facility (MagNIF)	Mason, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Folta, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305839	Large Area Projection Microstereolithography: Characterization and Optimization of 3D Printing Parameters	Ng, Melissa R. [Ohlone College, Fremont, CA (United States)]; Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305874	Characterizing Enzymatic Deposition for Microelectrode Neurotransmitter Detection	Hosein, W. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Yorita, A. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305886	Opticondistor by Opcondys, Inc.: A Technical Overview	Beekley, Brian P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/15/2016
1325868	M4FT-16LL080303052-State of Knowledge for Colloid Facilitated Radionuclide Transport and Update on Actinide Diffusion in Bentonite Backfill	Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Glenn T. Seaborg Inst.. Physical and Life Sciences]; Joseph, [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/16/2016
1325873	M4FT-16LL080302052-Update to Thermodynamic Database Development and Sorption Database Integration	Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Glenn T. Seaborg Inst.. Physical and Life Sciences]; Wolery, [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/16/2016
1305897	Optimizing the Performance of Radionuclide Identification Software in the Hunt for Nuclear Security Threats	Fotion, Katherine A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/18/2016



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1305809	Characterizing Complexity of Containerized Cargo X-ray Images	Wang, Guangxing [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Martz, Harry [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/19/2016
1321436	Guidance on Radiochronometry	Williams, Ross W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gaffney, Amy M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/21/2016
1321435	Running SW4 On New Commodity Technology Systems (CTS-1) Platform	Rodgers, Arthur J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Petersson, N. Anders [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/30/2016
1332475	The Future of Nonproliferation in a Changed and Changing Environment: A Workshop Summary	Dreicer, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/30/2016
1331455	DYNA3D/ParaDyn Regression Test Suite Inventory	Lin, Jerry I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/1/2016
1331471	Emergency Response Capability Baseline Needs Assessment - Compliance Assessment	Sharry, John A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/1/2016
1325871	Shear Alignment of Diblock Copolymers for Patterning Nanowire Meshes	Gustafson, Kyle T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/8/2016
1325866	Optimization of vascularization- $\bar{A}$ -inducing hydrogel bioinks for 3D bioprinting	Lui, E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Moya, Monica L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/12/2016
1325869	Further Automate Planned Cluster Maintenance to Minimize System Downtime during Maintenance Windows	Springmeyer, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/13/2016
1332469	FY16 ISCP Nuclear Counting Facility Hardware Expansion Summary	Church, Jennifer A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kashgarian, Michaele [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/15/2016
1330754	Multiple Scatters in Single Site Gamma Backgrounds	Brodsky, J. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/16/2016
1330749	Hugoniot model for Si from L140	Whitley, H. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wu, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/20/2016
1330750	Understanding the creation of & reducing surface microroughness during polishing & post-processing of glass optics	Suratwala, Tayyab [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1330753	Lawrence Livermore National Laboratory Environmental Report 2015	Rosene, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jones, H. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1330755	Solving The Longstanding Problem Of Low-Energy Nuclear Reactions At the Highest Microscopic Level - Final Report	Quaglioni, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1331468	Surrogate Measurements of Actinide (n, 2n) Cross Sections with NeutronSTARS	Casperson, R. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Burke, J. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/27/2016
1331475	Understanding Lithium Solvation and Diffusion through Topological Analysis of First-Principles Molecular Dynamics	Bhatia, Harsh [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gyulassy, Attila [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/27/2016
1330751	Fission Product Library and Resource	Burke, J. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Padgett, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2016
1331464	A framework for WRF to WRF-IBM grid nesting to enable multiscale simulations	Wiersema, David John [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Univ. of California, Berkeley, CA (United States)	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2016
1331439	Level-2 Milestone 5588: Deliver Strategic Plan and Initial Scalability Assessment by Advanced Architecture and Portability Specialists Team	Draeger, Erik W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331440	Electron and Ion Conductivity Calculations using the Model of Lee and More	Hayes, John C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331453	Final Report: Rational Design of Wide Band Gap Buffer Layers for High-Efficiency Thin-Film Photovoltaics	Lordi, Vincenzo [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331461	Regional Coda 2-D P and S-wave Calibration, Support, and Coda Tool Development	Mayeda, Kevin [Univ. of California, Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331462	Radiological Operations Support Specialist (ROSS) Pilot Course Summary and Recommendations	Alai, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Askin, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1332464	Science & Technology Review: September 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1332480	Redefining the U.S. Agenda for Nuclear Disarmament, Analysis and Reflections	Dunn, Lewis A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Center for Global Security Research	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/1/2016
1331441	Enzyme-Embedded, Microstructural Reactors for Industrial Biocatalysis	Baker, Sarah E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Knipe, J. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/4/2016

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1331445	High-Power Lasers for Science and Society	Siders, C. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Haefner, C. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/5/2016
1330134	CDAC Student Report: Summary of LLNL Internship	Herriman, Jane E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/10/2016
1331447	Simulations of a Plasma Thruster Utilizing the FRC Configuration	Rognlien, T. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Cohen, B. I. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/10/2016
1331469	ARES Modeling of High-foot Implosions (NNSA Milestone #5466)	Hurricane, O. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/11/2016
1330135	Hugoniot Models for Na and LiF from LEOS	Whitley, Heather D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wu, Christine J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/12/2016
1330136	Ultradast Absorption Spectroscopy of Aluminum Plasmas Created by LCLS using Betatron X-Ray Radiation	Albert, Felicie [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/12/2016
1331466	Analysis of MINIE2013 Explosion Air-Blast Data	Schnurr, Julie M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States); Univ. of Hawaii, Manoa, HI (United States)]; Rodgers,	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/14/2016
1330138	High-fidelity plasma codes for burn physics	Cooley, James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Graziani, Frank [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/19/2016
1330133	HEPA Filter Disposal Write-Up 10/19/16	Loll, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/20/2016
1333391	Liquid Condensation and Solidification Behavior of Hydrogen Isotopes in Foams	Kozioziemski, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/21/2016
1333399	Reconstructing misaligned x-ray CT data	Divin, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/24/2016
1332477	Development of a $\beta$ -Fission-proxy Method for the Measurement of 14-MeV Neutron Fission Yields at CAMS	Gharibyan, Narek [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/25/2016
1331452	Fission in a Plasma	Younes, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/26/2016
1333398	Prototype Stilbene Neutron Collar	Prasad, M. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Shumaker, D. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/26/2016
1332472	Plasma Interactions with Mixed Materials and Impurity Transport	Rognlien, T. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Beiersdorfer, Peter [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1333394	Final Report for Wetlands as a Source of Atmospheric Methane: A Multiscale and Multidisciplinary Approach	McFarlane, Karis J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1332471	Real-time Microseismic Processing for Induced Seismicity Hazard Detection	Matzel, Eric M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/31/2016
1333395	Improving Capture-gamma Libraries for Nonproliferation Applications	Sleaford, Brad W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hurst, Aaron M. [Lawrence Berkeley National Lab. (LBNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/1/2016
1333397	High-Average-Power Diffraction Pulse-Compression Gratings Enabling Next-Generation Ultrafast Laser Systems	Alessi, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/1/2016
1333387	Subcontract B613202# - Flang Error Handling	Miles, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; neely, J. R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/9/2016
1332470	Atrial Model Development and Prototype Simulations: CRADA Final Report on Tasks 3 and 4	O'Hara, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zhang, X. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1313549	Systems Biology for Organotypic Cell Cultures	Grego, Sonia [RTI International, Research Triangle Park, NC (United States)]; Dougherty, Edward R. [Texas A & M Univ., College Station, TX (United	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1321427	Advanced Simulation and Computing FY17 Implementation Plan, Version 0	McCoy, Michel [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Archer, Bill [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States); Los Alamos National Lab. (LANL), Los	8/29/2016
1234602	LIP: The Livermore Interpolation Package, Version 1.6	Fritsch, F. N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)	1/4/2016
1236734	An Investigation on X-ray Reflectivity technique at LLNL	Saw, C. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Grant, W. K. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)	1/12/2016
1237584	Technical Reports - FY16 Q1 - October-December 2015	Lordi, Vincenzo [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Rubenstein, Brenda M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)	1/20/2016
1237578	Technical Report: Benchmarking for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory (LLNL), Livermore, CA (United States)	1/22/2016

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1289376	Emerging Technologies and Techniques for Wide Area Radiological Survey and Remediation	Sutton, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zhao, P. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	3/24/2016
1289384	PRP Comments for ICF Q1/Q2 FY17 Experiments 3/10/16	Kauffman, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2016
1289361	Interpretation of stable isotope, denitrification, and groundwater age data for samples collected from Sandia National Laboratories /New Mexico (SNL/NM) Burn Site	Madrid, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Singleton, M. J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	6/2/2016
1260495	Pythia Jet Finding Study with Trento Backgrounds	Simpson, Joseph [United States Naval Academy, Annapolis, MD (United States); Lawrence Livermore National Lab. (LLNL), Livermore, CA	TR	LLNL	Lawrence Livermore National Laboratory	6/22/2016
1289358	The Transport Equation in Optically Thick Media: Discussion of IMC and its Diffusion Limit	Soke, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brooks, E. D. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	7/12/2016
1289363	IER 203 CED-2 Report: LLNL Final Design for BERP Ball With a Composite Reflector of Thin Polyethylene Backed by Nickel	Percher, C. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Heinrichs, D. P. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	7/18/2016
1289374	101 Careers in Mathematics Profile	Meyers, Carol A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	7/21/2016
1289375	LLNL ICF highlights for the period of July 14, 2016 to July 20, 2016	Herrmann, M. C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	7/25/2016
1289385	UNESE MSIR Summary, FY15-FY16	Henderson, J. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zelinski, M. E. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	7/27/2016
1289359	FINAL REPORT: Multigrid for Systems and Time-Dependent PDEs	Jones, J. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	8/2/2016
1289389	Characterizing X-ray Attenuation of Containerized Cargo	Birrer, N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Divin, C. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	8/2/2016
1331474	Emergency Response Capability Baseline Needs Assessment - Requirements Document	Sharry, J A	TR	LLNL	Lawrence Livermore National Laboratory	10/4/2016
1333404	Small Volume Fuel Testers Report	Schoegl, I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; McNenly, M. J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	10/31/2016
1237572	Hard X-ray mirrors for Nuclear Security	Descalle, M. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brejnholt, N. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/7/2016
1237555	Strategic latency and warning. Private sector perspectives on current intelligence challenges in science and technology	Davis, Zachary [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gac, Frank [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2016
1237568	Technical Report: Algorithm and Implementation for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, Kevin [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1237573	Technical Report on Modeling for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1238236	2015 Cross-Domain Deterrence Seminar Summary Report	Juarez, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1237557	Parallel Solver for H(div) Problems Using Hybridization and AMG	Lee, Chak S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	1/15/2016
1237558	Arbitrary Dimension Convection-Diffusion Schemes for Space-Time Discretizations	Bank, Randolph E. [Univ. of California, San Diego, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2016
1245710	Thinking Globally about U.S. Extended Deterrence	Roberts, Brad [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Santoro, David [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2016
1237574	NONLINEAR MULTIGRID SOLVER EXPLOITING AMGe COARSE SPACES WITH APPROXIMATION PROPERTIES	Christensen, Max La Cour [Technical Univ. of Denmark, Lyngby (Denmark)]; Villa, Umberto E. [Univ. of Texas, Austin, TX (United States)]; Engsig-	TR	LLNL	Lawrence Livermore National Laboratory	1/22/2016
1237577	ONE-DIMENSIONAL TIME TO EXPLOSION (THERMAL SENSITIVITY) TESTS ON PETN, PBX-9407, LX-10, AND LX-17	Hsu, Peter C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Strout, Steve [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/28/2016
1244659	Land-total and Ocean-total Precipitation and Evaporation from a Community Atmosphere Model version 5 Perturbed Parameter Ensemble	Covey, Curt [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lucas, Donald D. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	3/2/2016
1245700	Measuring radiation damage dynamics by pulsed ion beam irradiation. 2015 Annual Progress Report for DOE/NE/NEET	Kucheyev, S. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/7/2016
1245721	391-D1A1 Aboveground Tank Closure/Removal Plan	Griffin, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/9/2016
1245712	The Near Zone to Far Zone Transformation (N2F)	Blackfield, Donald T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Poole, Brian R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	3/11/2016

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1245697	EME 192 Report	Mora, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pascall, A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laborat	3/15/2016
1252644	A Kinematic Rupture Model Generator Using Irikura's Recipe	Pitarka, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	4/1/2016
1252643	2014-2016 Avian Point Count and Migration Surveys at Site 300 for the Lawrence Livermore National Laboratory	Fratanduono, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laborat	4/14/2016
1252640	LLNL Mercury Project Trinity Open Science Final Report	Brantley, Patrick [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Dawson, Shawn [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Laborat	4/20/2016
1332215	Sorbent Scoping Studies	Chancellor, Christopher John [Los Alamos National Lab. (LANL), Carlsbad, NM (United States). Difficult Waste Team]	TR	LANL	Los Alamos National Lab. (LANL), Carls	11/14/2016
1253479	Stormwater Pollution Prevention Plan for: Technical Area 3 Power and Steam Plant	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/1/2016
1233634	SCC-Advanced Computer System Project Pre-Bid Meeting Presentation	Sena, Phillip A [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/4/2016
1234490	LANL Interactions with the Oil and Gas Industry: Processes and Capabilities	Russell, John J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hickmott, Donald D. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/5/2016
1237210	An Overview of the Monte Carlo Application Toolkit (MCATK)	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/7/2016
1237211	Overview of the Tusas Code for Simulation of Dendritic Solidification	Trainer, Amelia J. [Massachusetts Inst. of Technology (MIT), Cambridge, MA (United States)]; Newman, Christopher Kyle [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/7/2016
1234492	Comparison of CAP88 and MCNP for Overhead Gamma-emitting Plumes	Mcnaughton, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gillis, Jessica McDonnel [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/8/2016
1234493	Adventures in Actinide Chemistry: A Year of Exploring Uranium and Thorium in Los Alamos	Pagano, Justin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/8/2016
1234494	ISTI Overview	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/10/2016
1234495	The ACS-NUCL Division 50th Anniversary: Introduction	Hobart, David E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/10/2016
1234496	Shock Detector for SURF model	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/11/2016
1234498	Barrier experiment: Shock initiation under complex loading	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/12/2016
1234499	Pre-Conceptual Design for Northstar's Mo Process Tritium Removal System	Nobile, Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reichert, Heidi [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/12/2016
1237221	Functional Programming in Computer Science	Anderson, Loren James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Davis, Marion Kei [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/19/2016
1237223	Documentation of operational protocol for the use of MAMA software	Schwartz, Daniel S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/21/2016
1237224	Collision of Physics and Software in the Monte Carlo Application Toolkit (MCATK)	Sweezy, Jeremy Ed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/21/2016
1237235	Characterization of Thin Walled Mo Tubing produced by FBCVD	Beaux, Miles Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Usov, Igor Olegovich [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/21/2016
1237236	Extractant Design by Covalency	Gaunt, Andrew James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Olson, Angela Christine [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/21/2016
1237238	Dynamic Initiator Experiments using IMPULSE (Impact System for Ultrafast Synchrotron Experiments) at the Advanced Photon Source	Sanchez, Nathaniel Jonathon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Jensen, Brian J. [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/21/2016
1237231	SAD Phasing and automated structure determination	Terwilliger, Thomas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/22/2016
1237232	2016 NNSA Pollution Prevention Awards	Salzman, Sonja L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/25/2016
1237233	CERT TST December 2015 Visit Summary	Little, Robert Currier [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bailey, Teresa S. [Lawrence Livermore National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/25/2016
1237234	Unconventional CW	Rittner, Christian Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/25/2016

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1237215	Dose Assessment of Los Alamos National Laboratory-Derived Residual Radionuclides in Soils within C Tracts (C-2, C-3, and C-4) for Land Transfer Decisions	Gillis, Jessica M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whicker, Jeffrey J.	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/26/2016
1237216	Scalable Codesign Performance Prediction for Computational Physics - Mid-Term- Appraisal: Overview Talk	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/26/2016
1237212	Visualizing expanding warm dense matter heated uniformly by laser-driven ion beams	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237214	Utilization of the Differential Die-Away Self-Interrogation Technique for Characterization and Verification of Spent Nuclear Fuel	Trahan, Alexis Chanel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237219	Thyroid for Life	Pasqualoni, Sara Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237220	Developing a Signature Based Safeguards Approach for the Electrorefiner and Salt Cleanup Unit Operations in Pyroprocessing Facilities	Murphy, Chantell Lynne-Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237272	Laser-Generated Ion Beams for Isochoric Heating to Study Plasma-Phase Mix at Heterogeneous Interfaces	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/28/2016
1237274	Approximating the r-Process on Earth with Thermonuclear Explosions. Lessons Learned and Unanswered Questions	Becker, Stephen Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/28/2016
1237265	OptimizerInterface Best Practices	Disterhaupt, Jennifer Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/29/2016
1237266	Physics Flash January 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/29/2016
1237267	Guidelines for Posting Soil Contamination Areas	Mcnaughton, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Eisele, William [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/1/2016
1237247	Waste Characterization Methods	Vigil-Holterman, Luciana R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Naranjo, Felicia Danielle [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237269	Density estimation with trigonometric kernels	Collins, David H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237270	Technical Area 60-002 Salvage and Warehouse Area	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237245	Assessment of semi-empirical potentials for the U-Si system	Baskes, Michael I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersson, Anders David [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237246	Density functional theory calculations of defect and fission gas properties in U-Si fuels	Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237249	Technical Area 60-0001 Heavy Equipment (motor pool) Shop Areas	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237251	PAGOSA Sample Problem: Unconfined Shaped Charge	Weseloh, Wayne N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237252	PAGOSA Sample Problem. Elastic Precursor	Weseloh, Wayne N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clancy, Sean Patrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237255	Adaptive Reconnection-based Arbitrary Lagrangian Eulerian Method	Shashkov, Mikhail Jurievich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bo, Wurigen [EXA Corporation, Burlington, MA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237256	Surviving Scientific Academia . . . and Beyond	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237421	Notes on Piezoelectricity	Redondo, Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237425	Hazardous Material Packaging and Transportation	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/4/2016
1237426	Conjugate Heat Transfer and Thermal Mechanical Analysis for the Fast Spectrum Neutron Source for Materials Irradiation	Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/4/2016
1237413	FleCSI. Developing Flexible Computational Science Infrastructure for Multi-Physics Application Development	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016
1237422	High-order hydrodynamic algorithms for exascale computing	Morgan, Nathaniel Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016
1237423	A Report on the Validation of Beryllium Strength Models	Armstrong, Derek Elswick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016

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1237414	Reversal of the Upper Critical Field Anisotropy and Spin-Locked Superconductivity in $K_{2-x}Cr_xAs_2$	Balakirev, Fedor Fedorovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kong, T. [Ames Lab., Ames, IA (United States);	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/8/2016
1238114	(Mis)Understanding Radiation	Schreiber, Stephen Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238116	LANL Contributions to the B61 Life Extension Program	Corpion, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238117	Stormwater Pollution Prevention Plan TA-3-38 Carpenter's Shop Los Alamos National Laboratory	Burgin, Jillian E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238118	Stormwater Pollution Prevention Plan TA-3-38 Metals Fabrication Shop Los Alamos National Laboratory	Burgin, Jillian E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238127	Target Window Reliability	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/11/2016
1238128	Target Housing Material Options	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/11/2016
1238129	Meteorology Assessment of Historic Rainfall for Los Alamos During September 2013	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/12/2016
1238130	FC-PAD Consortium: Fuel Cell Performance and Durability	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/12/2016
1238138	FC-PAD: Fuel Cell Performance and Durability and on-going activities	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Weber, Adam [Lawrence Berkeley National Lab. (LBNL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1238139	MaRIE: Probing Dynamic Processes in Soft Materials Using Advanced Light Sources	Sykora, Milan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kober, Edward Martin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1238140	Mo100 to Mo99 Target Cooling Enhancements Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1239074	MaRIE	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hedeen, Sarah Rosanne [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/17/2016
1239070	LANL Five-Year Wildland Fire Management Plan (2016-2020)	Hand, Melanee Maree [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Moraga, Rod [Anchor Point, LLC, Boulder, CO (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239071	The Zika Threat. Why Now?	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239072	Threat Identification Parameters for a Stolen Category 1 Radioactive Source	Ussery, Larry Eugene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Winkler, Ryan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239073	Technical Area 3 Power and Steam Plant	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239077	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in Soils within Tract A-16-d for Land Conveyance and Transfer	Gillis, Jessica Mcdonnel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239065	Validation and Verification of the Correct Operation of the Thermo Fisher Scientific's Genesys 10S spectrometer used in ANC122 and NF-ANC122	Colletti, Lisa Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239066	MCNP Coupling with BISON	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239067	Analysis of potential hazards associated with $^{241}\text{Am}$ loaded resins from nitrate media	Schulte, Louis D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rubin, Jim [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239076	Measurement and Characterization of Haswell Power and Energy Consumption	Huang, Song [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, Michael Kenneth [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239080	Electronic Structure of Plutonium Materials from Photoemission	Joyce, John J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239068	IR Camera Report for the 7 Day Production Test	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/22/2016
1239908	MaRIE: Opportunities for new x-ray sources to shed light on mesoscale functional materials	Sandberg, Richard L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Prasankumar, Rohit Prativadi [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239909	Nuclear and radiological Security: Introduction.	Miller, James Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239910	DEPO-related to Radioactive Sources.	Miller, James Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016

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1239911	Reuse of Oil and Gas Produced Water in Southeast New Mexico-Resource Assessment, Treatment Processes, and Policy	Sullivan Graham, Enid Joan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239912	Institutional Training Service Organizational Profile	Hanson, Todd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239915	DIORAMA Guide to Building from Source	Greco, Richard R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tornga, Shawn Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239916	MPA Materials Matter February 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239927	Request for Information from entities interested in commercializing Laboratory-developed homogeneous catalyst technology	Intrator, Miranda Huang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239918	Conjugate Heat Transfer and Thermal Mechanical Analysis for Liquid Metal Targets for High Power Electron Beams.	Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/26/2016
1239897	Los Alamos National Security, LLC Request for Information on how industry may partner with the Laboratory on KIVA software.	McDonald, Kathleen Herrera [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239898	Laser Incident Lessons Learned and Action List	Yarotski, Dmitry Anatolievitch [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239899	Pressure Safety: Advanced Self-Study 30120	Glass, George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239921	Annual Report for Los Alamos National Laboratory Technical Area 54, Area G Disposal Facility â€” Fiscal Year 2015	French, Sean B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stauffer, Philip H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239922	HMPT: Basic Radioactive Material Transportation	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239923	Tractable Experiment Design via Mathematical Surrogates	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239924	Elena Guardincerri: Tracking muons to reduce nuclear threats and help preserve architectural treasures	Del Mauro, Diana [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Guardincerri, Elena [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239901	Influence of Grain Boundary Properties and Orientation on Void Nucleation	Fensin, Saryu Jindal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Center for Integrated Nanotechnologies (CINT)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1239902	Solar Position Model for use in DIORAMA	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1240801	Uniaxial Compression of Cellular Materials at a $10^{-1}$ Strain Rate Simultaneously with Synchrotron X-ray Computed Tomographic Imaging	Patterson, Brian M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1240802	Literature Review of Spin On Glass	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/2/2016
1240803	The Frontiers of Additive Manufacturing	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/3/2016
1240804	Birds of a Feather: STEM Takes Flight	Phillips, Emily Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/3/2016
1240808	DIORAMA Model of Satellite Body Orientation	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240812	PIV Logon Configuration Guidance	Lee, Glen Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240813	Los Alamos National Laboratory Support for Commercial U.S. Production of $^{99}\text{Mo}$ without the Use of Highly Enriched Uranium	Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240805	LANL Overview Feb 2016	Girrens, Steven P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1240814	Concept for LEU Burst Reactor	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1240815	M-Adapting Low Order Mimetic Finite Differences for Dielectric Interface Problems	McGregor, Duncan A. [Oregon State Univ., Corvallis, OR (United States)]; Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1241649	Data Testing CIELO Evaluations with ICSBEP Benchmarks	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/9/2016
1241639	NCSP Nuclear Data Advisory Group (NDAG) Report	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/10/2016

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1241650	Gamma-Ray Hold-up Measurements and Results for Casa 2 and Casa 3 at TA-18	Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/10/2016
1241641	Morphological Comparison of U3O8 Ore Concentrates from Canada Key Lake and Namibia Sources	Schwartz, Daniel S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tandon, Lav [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241642	WWLLN Data User Manual	Lay, Erin Hoffmann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wiens, Kyle Cameron [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241643	Current LANL SCE 3-ft Vessel Inspection Discussion	Romero, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Johnson, Matthew Q. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241644	Salt Composition Derived from Veazey Composition by Thermodynamic Modeling and Predicted Composition of Drum Contents	Weisbrod, Kirk Ryan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Veirs, Douglas Kirk [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241645	Standard Waste Box Lid Screw Removal Option Testing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241646	Engineered Option Treatment of Remediated Nitrate Salts: Surrogate Batch-Blending Testing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241647	Definition of Beam Diameter for Electron Beam Welding	Burgardt, Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241648	Lecture Notes on Criticality Safety Validation Using MCNP & Whisper	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rising, Michael Evan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241636	A Study on Melt Pool Depth Monitoring of Direct Energy Additive Manufacturing Using Laser-Ultrasound	Han, Dae-Hyun [Los Alamos National Laboratory (Republic of Korea). Chonbuk National University Engineering Institute]; Flynn, Eric Brian [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1241653	Complete Mie-Gruneisen Equation of State (update)	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1241654	Compressive Sensing Laser Scanning Tech	Jeon, Jun Young [Chonnam National Univ. (South Korea)]; Flynn, Eric Brian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1242905	A Sesame Equation of State for Dense Ce	Greeff, Carl William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Crockett, Scott [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/15/2016
1242907	PLAN-TA9-2443(U), Rev. B Remediated Nitrate Salt (RNS) Surrogate Formulation and Testing Standard Procedure	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242909	Nevada National Security Site Underground Radionuclide Inventory, 1951-1992: Accounting for Radionuclide Decay through September 30, 2012	Finnegan, David Lawrence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bowen, Scott Michael [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242910	The Path to Nitrate Salt Disposition	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242914	Statistical Modeling Efforts for Headspace Gas	Weaver, Brian Phillip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/17/2016
1242924	HMPT: Hazardous Waste Transportation Live 27928, Test 27929	Simpson, Lewis Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/17/2016
1245548	Passive Gamma Analysis of the Boiling-Water-Reactor Assemblies	Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Favalli, Andrea [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245560	Trapped Proton Environment in Medium-Earth Orbit (2000-2010)	Chen, Yue [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Friedel, Reinhard Hans [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245561	Non destructive examination of UN / U-Si fuel pellets using neutrons (preliminary assessment)	Bourke, Mark Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245566	Production Facility Prototype Blower Installation Report with 1000 Hour Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/1/2016
1245567	Precision Plutonium Thermodynamics	Migliori, Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/4/2016
1248095	HIV Molecular Immunology 2015	Yusim, Karina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Korber, Bette Tina [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/5/2016
1248097	Neutron-Induced Failures in Semiconductor Devices	Wender, Stephen Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016
1248099	Preliminary report for using X-rays as verification and authentication tool	Esch, Ernst Ingo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016
1248104	DOE Los Alamos National Laboratory â€” PV Feasibility Assessment, 2015 Update, NREL Final Report	Dean, Jesse [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Witt, Monica Rene [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016



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1248085	Topological Methods for Visualization	Berres, Anne Sabine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248106	Diversity in the Minerals, Metals, and Materials Professions (DMMM2)	Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248107	IPF Beam Line Photos	Rybarcyk, Lawrence John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248109	LANL Q2 2016 Quarterly Progress Report. Science Campaign and ICF	Douglas, Melissa Rae [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248086	Rapid heating of matter using high power lasers	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/8/2016
1248115	ISR-1 Seminar: Nuclear Cloud Lofting	Walker, Andrew Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/13/2016
1248116	Safeguards Technology Factsheet - Unattended Dual Current Monitor (UDCM)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/13/2016
1248110	Three Species of Odonata Observed at TA-3 in September 2015	Foy, Bernard R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hathcock, Charles Dean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248111	Uranium Detection - Technique Validation Report	Colletti, Lisa Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]; Garduno, Katherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248112	WCATS: Waste Documentation, Course No. 8504	Simpson, Sandy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248117	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248118	Review Facility Design Drawings M3FT-16LA040105011 - Safeguards and Security by Design for Used Fuel Extended Storage: 1.02.04.01.05 FT 16LA04010501	Scherer, Carolyn P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248127	From Alloy Processing to Performance: An In Situ Experimental and Modeling Effort	Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tourret, Damien [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248128	Multi-channel probes to understand fission dynamics	Mosby, Shea Morgan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248130	Analysis of the Breakout Time	Medina, Brandon Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248132	MPA Materials Matter April 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248133	CTE Measurements for Loading Scenarios	Allen, Nicholas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/16/2016
1248084	Selection of 3013 Containers for Field Surveillance. Fiscal Year 2016 Update	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Berg, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248120	Weather at LANL	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248121	Commercialization at Los Alamos	Pesiri, David R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248123	Establishing precision and accuracy in PDV results	Briggs, Matthew E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Howard, Marylesa [National Security Technologies, LLC]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248125	MCNP and GADRAS Comparisons	Klasky, Marc Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1249003	Mechanical properties and microstructure evaluation of powder bed fused Inconel 625 nickel alloy	Brand, Michael J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1249004	Fire Extinguisher Training for Fire Watch and Designated Workers, Course 9893	Harris, Jimmy D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1334173	Los Alamos National Laboratory Economic Analysis Capability Overview	Boero, Riccardo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Information Systems and Modeling Group]; Edwards, Brian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248126	Respirators: Supervisors Self-Study #43442	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249005	Report on the Radiation Effects Testing of the Infrared and Optical Transition Radiation Camera Systems	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016

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1249006	RCT: 2.01 Radiological Documentation, Course No. 32974	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/20/2016
1249007	Alignment of detectors for Pu isotopic analyses	Pollington, Anthony Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/20/2016
1249008	Proposal of a Novel Approach to Developing Material Models for Micro-scale Composites Based on Testing and Modeling of Macro-scale Composites	Siranosian, Antranik Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schembri, Philip Edward [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/20/2016
1249009	Initial Results from the Third Round of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/20/2016
1249011	Department of Energy Nuclear Weapons Complex 1985 and 2015	Avens, Larry Ross [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/20/2016
1248978	Nanocarbons formed under extreme conditions. The role of atmosphere during detonation of Composition B	Huber, Rachel Colleen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ringstrand, Bryan Scott [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/21/2016
1249012	Safeguards Technology Factsheet <sup>3</sup>He-free Neutron Coincidence Counter	Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/21/2016
1248976	Hunting for the Signatures of Cancer	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/26/2016
1250719	Understanding the Atmospheric and Ionospheric Response to Bolides and Hypersonic Objects in the Atmosphere (Update Talk, 4/7/2016)	Haaser, Robert A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/26/2016
1250720	High-Resolution Data in a Low-Resolution Landscape	Brady, Brendan Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/26/2016
1250690	Climate Uncertainty Quantification at LANL	Urban, Nathan Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/27/2016
1250724	Resonant Ultrasound Spectroscopy	Migliori, Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/27/2016
1253543	Dense Quantum Plasma Simulation	Sjostrom, Travis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/27/2016
1250721	Careers in the Sciences	Pecos, James Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/29/2016
1250722	Using NJOY to Create MCNP ACE Files and Visualize Nuclear Data	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/29/2016
1253481	How well could existing sensors detect the deployment of a solar radiation management (SRM) geoengineering effort?	Hurd, Alan J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/29/2016
1334170	Reactor Antineutrinos: Corrections and Applications	Jaffke, Patrick John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/30/2016
1253555	RCT: 2.02 Communication Systems, Course #33339	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/1/2016
1254251	Lecture Notes on Sensitivity-Uncertainty Based Nuclear Criticality Safety Validation	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brown, Forrest B. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/2/2016
1334171	Enhanced Capabilities for Subcritical Experiments (ECSE) Risk Management Plan	Urban, Mary Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Process Modeling and Analysis Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/2/2016
1334174	Frontiers in Chemical Physics	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/2/2016
1334176	Ultrafast control and monitoring of material properties using terahertz pulses	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Lab. for Ultrafast Materials Optical Science (LUMOS)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/2/2016
1250692	LANL Multiyear Strategy Performance Improvement (MYSPI), Fiscal Years 2017-2021	Leasure, Craig Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/3/2016
1253485	FleCSI Project	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/3/2016
1253499	Beam line shielding calculations for an Electron Accelerator Mo-99 production facility	Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/3/2016
1253500	State-of-the-art in Manufacturing Pyrochemical Processing Crucibles	Parkinson, David Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/3/2016
1253501	State-of-the-art in Manufacturing Pyrochemical Processing Crucibles	Parkinson, David Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/3/2016

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1253497	A Complete Reporting of MCNP6 Validation Results for Electron Energy Deposition in Single-Layer Extended Media for Source Energies <= 1-MeV	Dixon, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hughes, Henry Grady [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/4/2016
1253504	Simulating Supernova Light Curves	Even, Wesley Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dolence, Joshua C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253505	Summary of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253506	The DIORAMA Neutron Emitter	Terry, James Russell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253480	M-7 High Explosives Science and Technology Analytical Laboratory Report# 52279	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/6/2016
1253484	OpenMC In Situ Source Convergence Detection	Aldrich, Garrett Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Univ. of California, Davis, CA (United States)]; Dutta,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/7/2016
1253482	Dynamic System Simulation of the KRUSTY Experiment	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253488	Pu(III) reduction	Windorff, Cory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253489	Analysis to evaluate predictors of fiberboard aging to guide surveillance sampling for the 9975 life extension program	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Daugherty, William L. [Savannah River Site (SRS),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253491	ExactPack Documentation	Singleton, Jr., Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Israel, Daniel M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253492	Laboratory Microwave Power Source at LANL. Schematics, Spec Sheets and Technical Information	Perry, William L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oschwald, David M. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253493	Multi-phenomenological Explosion Monitoring (MultiPEM): Screening Airborne from Buried, Ejection Explosions	Carmichael, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sentz, Kari [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253494	Critical and Subcritical 0-Power Experiment at Rensselaer (CaSPER)	Arthur, Jennifer Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253495	Average Atom models	Starrett, Charles Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253496	Predicting High Temperature Dislocation Physics in HCP Crystal Structures	Hunter, Abigail [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carpenter, John S. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253483	Determination of Volatility and Element Fractionation in Glassy Fallout Debris by SIMS	Williamson, Todd L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tenner, Travis Jay [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/10/2016
1253542	High-Resolution Data for a Low-Resolution World	Brady, Brendan Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/10/2016
1253509	A Statistical Approach For Modeling Tropical Cyclones. Synthetic Hurricanes Generator Model	Pasqualini, Donatella [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253541	Multi-Sector General Permit Annual Industrial Storm Water Training for TA54 Areas G, L, RANT, and the Maintenance Facility West	Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schrock, David Edward [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253544	An OpPUNtunity. A Perspective on Puns	Snyder, Emily Elisabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253508	Summary Report of Laboratory Testing to Establish the Effectiveness of Proposed Treatment Methods for Unremediated and Remediated Nitrate Salt Waste Streams	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253512	Capturing the Complexity of Additively Manufactured Microstructures	Livescu, Veronica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bronkhorst, Curt Allan [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253514	Drinking Water Consequences Tools. A Literature Review	Pasqualini, Donatella [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253516	Personal Drawing Portfolio Sample	Leon, Ryan Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253517	Badge Office Process Analysis	Haurykiewicz, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Timothy Grant [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253518	Badge Office Process Analysis	Haurykiewicz, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Timothy Grant [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253521	Tomorrow's History Made Fresh Daily	Deck, Linda T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016

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1253522	UAV Applications in Radiation Detection and Emergency Response	Lakis, Rollin Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253553	SE Requirements Development Tool User Guide	Benson, Faith Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253554	Imprecise Probability Methods for Weapons UQ	Picard, Richard Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vander Wiel, Scott Alan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253556	Simultaneous Thermal Analysis of Remediated Nitrate Salt Surrogates	Wayne, David Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253558	Using the H Index to Assess Impact of DOE National Laboratories	Springer, Everett P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253539	Determination of the Spectral Index in the Fission Spectrum Energy Regime	Lee, Amy Sarah [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253545	Precisely measuring ultrashort light pulses and using this to study materials	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253546	Stopping Power for Degenerate Electrons	Singleton, Jr., Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1334175	Predictive Modeling in Actinide Chemistry and Catalysis	Yang, Ping [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253547	Conceptual Model of Climate Change Impacts at LANL	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1253548	Modeling of a Compact Terahertz Source based on the Two-Stream Instability	Svimonishvili, Tengiz [Univ. of New Mexico, Albuquerque, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1253549	Computable general equilibrium model fiscal year 2013 capability development report	Edwards, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rivera, Michael Kelly [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1254250	Using Supercomputers to Probe the Early Universe	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1254247	Verification test of the SURF and SURFplus models in xRage	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/18/2016
1254257	Floodplain statement of findings for corrective actions in Potrillo Canyon technical area-36, Los Alamos National Laboratory, Los Alamos, New Mexico	Keller, David Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/18/2016
1254258	Environment, Safety and Health Programs and Services Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254259	TA53:19 Reverb Chamber Quick-Look	Bishofberger, Kip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254260	Solid State Electrochemical Sensor R&D	Brosha, Eric Lanich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mukundan, Rangachary [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254261	Data Services @ The Library	Finnell, Joshua Eugene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254245	Incorporation of the Joule Heating of highly conducting materials into the Truchas code via an asymptotic approach	Akcay, Cihan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Haut, Terry Scot [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/21/2016
1254241	RCT: 2.05 Contamination Control, Course #8770	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1254246	KIVA-hpFE. Predictive turbulent reactive and multiphase flow in engines - An Overview	Carrington, David Bradley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1291275	High-Power Electron Accelerators for Space (and other) Applications	Nguyen, Dinh Cong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lewellen, John W. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1254930	Cesium Shipment	Martinez, Gene C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/24/2016
1254243	JOWOG RLV Tour 5-25-2016	Worland, Vincent Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254931	Continuous-Energy Data Checks	Haecck, Wim [Radioprotection and Nuclear Safety Institute, Fontenay-aux-Roses (France)]; Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254932	Physics Flash May 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016

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1254933	Bradbury Science Museum Collections Inventory Photos Disc #5	Strohmeier, Wendy J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254934	Literature Review of Polymer Derived Ceramics	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254935	Thermomechanical Analysis (TMA) and its application to polymer systems	Adams, Jillian Cathleen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254936	A Literature Review on the Study of Moisture in Polymers	Trautschold, Olivia Carol [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1245565	Thermal Test on Target with Pressed Disks	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/27/2016
1254988	Synthesis of MCMC and Belief Propagation	Ahn, Sungsoo [Korea Advanced Institute of Science and Technology, Daejeon (South Korea)]; Chertkov, Michael [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/27/2016
1254992	MCNP-WHISPER Methodology for Nuclear Criticality Safety Validation	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rising, Michael Evan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/27/2016
1254994	Proton Radiography Summary of 2015-2016 LANSCE Run Cycle	Saunders, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/27/2016
1254987	Demonstration of finite element simulations in MOOSE using crystallographic models of irradiation hardening and plastic deformation	Patra, Anirban [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wen, Wei [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/31/2016
1257095	Well Integrity and Carbon Storage	Carey, James William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/31/2016
1258366	InfraPy: Python-Based Signal Analysis Tools for Infrasound	Blom, Philip Stephen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Marcillo, Omar Eduardo [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/31/2016
1257078	<sup>238</sup> PuO <sub>2</sub> Fuel and Dosimetry	Mayo, Douglas R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rawool-Sullivan, Mohini [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/1/2016
1257096	Monte Carlo Solutions to The Thermal Radiation Transport Equations	Cleveland, Mathew Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/1/2016
1257097	Ultrafast imaging technology for MaRIE: Why it is a material challenge & opportunity	Wang, Zehui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/1/2016
1257098	Recent Advances in Unstructured Mesh Methods for Computational Fluid and Hydrodynamics	Waltz, Jacob I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/1/2016
1257077	The Benchmark Extensible Tractable Testbed Engineering Resource (BETTER)	Siranosian, Antranik Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schembri, Philip Edward [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/2/2016
1257079	Uncertainties in the Standard Moments, the Derivation of the Y1 to Y8 parameters, and the Derivation of $w_{1<sub>1</sub>}$ to $w_{8<sub>8</sub>}$ for Feynman Histograms	Smith-Nelson, Mark A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cutler, Theresa Elizabeth [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/2/2016
1257072	DOE Order Training Insert Slides -May 2016	Coriz, Michelle L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/3/2016
1257073	Echo: Data and Analysis Management	Harvey, Dustin Yewell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Taylor, Stuart Glynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/3/2016
1257074	Treaty Monitoring Using Seismology, with Focus on Amplitude Modeling	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/3/2016
1257075	MARSAME Radiological Release Report for Archaeological Artifacts Excavated from Area L	Ruedig, Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/3/2016
1257089	PrD photos 6-2016	Hyde, Peter Alden [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/3/2016
1257087	Brine Transport Experiments in Granular Salt	Jordan, Amy B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Boukhalfa, Hakim [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257090	Mission: Space Plutonium-238 Heat Sources for NASA	Hollis, Rebecca Vincent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257091	Bayesian Analysis of RANS Models	Nadiga, Balasubramanya T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Livescu, Daniel [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257092	Predictions for the drive capabilities of the RancheroS Flux Compression Generator into various load inductances using the Eulerian AMR Code Roxane	Watt, Robert Gregory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257093	Optical spectroscopy of Fe-based superconductors and Weyl semimetals	Dai, Yaomin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016

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1257094	CCS-6 Recruiting Slide	Casleton, Emily Michele [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1258369	Echoâ„¸ User Manual	Harvey, Dustin Yewell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257083	Use of Sources and SNM in COE Facilities	Archuleta, Jeffrey Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257085	Geophone and DY Accelerometer Array Performance for SPE-5 and Comparison with Predictions	Yang, Xiaoning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257113	Neutron based evaluation in support of NEAMS	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bourke, Mark Andrew [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257114	Hierarchical Porous Structures	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257105	Curriculum Vita	Dingus, Brenda L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257118	Addressing key ICF challenges on NIF using beryllium capsules	Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257119	SQUIDS De-fluxing Using a Decaying AC Magnetic Field	Matlashov, Andrei Nikolaevich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Semenov, Vasilii Kirilovich [State Univ. of	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257120	China Center of Excellence Radiological Source Overview	Archuleta, Jeffrey Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257107	The Bumpy Torus Experiment	Cobble, James Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/9/2016
1257108	High Performance OpenMP. A Practical Guide	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Medin, Zachary James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/9/2016
1257101	NaI(Tl) IdentifINDER Measurements in a Thermally Transient Environment	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257109	ASC/NGC Gitlab Tutorial	Junghans, Christoph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257110	Nuclear structure $\beta\beta^{00}$ from photon strength functions to neutrinoless double beta decay	Massarczyk, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257111	Parallel Computing Summer Research Internship Overview	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nam, Hai Ah [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1324577	Challenges of Monte Carlo Transport	Long, Alex Roberts [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computational Physics and Methods (CCS-2)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257102	Design of the Next Generation Spallation Target	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257103	Water Solubility of Plutonium and Uranium Compounds and Residues at TA-55	Reilly, Sean Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Smith, Paul Herrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257104	University of Hawaii Laboratory Explosion, What went wrong? What went wrong? A Mentor and a Student Perspective IWSST Quarterly Presentation	Hanson, Christina J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Spencer, Khalil J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1260363	Flow and Heat Transfer Tests in New Loop at 2757 kPa (400 psi)	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1304792	Programming Models in HPC	Shipman, Galen M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257121	Evaluation of Tower Shadowing on Anemometer Measurements at Los Alamos National Laboratory	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1257122	Integral Criticality Estimators in MCATK	Nolen, Steven Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Adams, Terry R. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1257123	UDCM Operating Procedure (Limited Functionality prototype)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1258347	NA-243 Annual Report 24.3.1.5.4 Cooperation with UK	Smith, Morag Kristin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1312632	Introduction to Numerical Methods	Schoonover, Joseph A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016

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1258354	Aqueous Nitrate Recovery Line at Los Alamos National Laboratory	Finstad, Casey Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/15/2016
1258353	Fundamentals of Monte Carlo	Wollaber, Allan Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258365	Parallel Algorithms and Patterns	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258368	The MCNP6 Analytic Criticality Benchmark Suite	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258350	New Tools to Prepare ACE Cross-section Files for MCNP Analytic Test Problems	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258351	Los Alamos National Laboratory SAVY-4000 Field Surveillance Plan Update for 2016	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stone, Timothy Amos [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258352	MST e-News June 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258355	Linear Solvers Overview	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258356	Distributed Computing (MPI)	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258357	SPE-5 Pre- and Post-Shot UAS Photogrammetry Quick Look	Schultz-Fellenz, Emily S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coppersmith, Ryan [Coppersmith Consulting, Inc.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258358	Verification Test of the SURF and SURFplus Models in xRage: Part II	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/20/2016
1258359	Bio-Carbon Accounting for Bio-Oil Co-Processing: <sup>14</sup>C and <sup>13</sup>C/<sup>12</sup>C	Mora, Claudia I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Li, Zhenghua [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258363	Full report of laser doppler velocimetry (Het-V) data, results, and analysis for pRad shot 0632	Tupa, Dale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tainter, Amy Marie [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258364	De-Inventory Plan for Transuranic Waste Stored at Area G	Hargis, Kenneth Marshall [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Christensen, Davis V. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258346	Atomic Beam Laser Spectrometer for In-field Isotopic Analysis	Castro, Alonso [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Actinide Analytical Chemistry Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1258362	Aqueous Chloride Operations Overview: Plutonium and Americium Purification/Recovery	Kimball, David Bryan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Skidmore, Bradley Evan [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259630	AFM/STM Plutonium capability, research summary and future plans	Beaux, Miles Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Santiago Cordoba, Miguel A. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259632	Summary of Remediated and Unremediated Nitrate Salt Surrogate Testing in Support of the Waste Treatment Permit Application to the New Mexico Environment Department	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259638	Advanced accelerator and mm-wave structure research at LANL	Simakov, Evgenya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259629	Handheld Multi-Gas Meters Market Survey Report	Williams, Gustavious [Brigham Young Univ., Provo, UT (United States)]; Wald-Hopkins, Mark David [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/23/2016
1259639	Fall Protection Introduction, #33462	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/23/2016
1259633	Interface Control Document for the EMPACT Module that Estimates Electric Power Transmission System Response to EMP-Caused Damage	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mccown, Andrew William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/26/2016
1259634	NCSP Managers Course NCERC June 2016	Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259635	The Need for Reproducibility	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259636	Physical Sensitization of Explosives	Hill, Larry Glenn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259642	Handheld Multi-Gas Meters Assessment Report	Williams, Gustavious [Brigham Young Univ., Provo, UT (United States)]; Wald-Hopkins, Mark David [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1260346	Equation-of-State Scaling Factors	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/28/2016

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1260347	The Pulse	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/29/2016
1260350	Specialized Computational Techniques for Computing High Explosive Hydrodynamics	Aslam, Tariq Dennis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260352	IMPACT TO MISSION: Richard P. Feynman Center for Innovation, 2015 Progress Report	Johnston, Mariann R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pesiri, David R. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260353	LANL Q3 2016 Quarterly Progress Report: Science Program	Scott, Kimberly Carole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260364	Introduction to Superconducting RF Structures and the Effect of High Pressure Rinsing	Tajima, Tsuyoshi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1261790	Overview of the Neutron experimental facilities at LANSCE	Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1261800	Cylinder expansion test and gas gun experiment comparison	Harrier, Danielle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260362	Alternatives to accuracy and bias metrics based on percentage errors for radiation belt modeling applications	Morley, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1260365	Introduction to Weather in Northern New Mexico	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1260366	Argonne Bubble Experiment Thermal Model Development II	Buechler, Cynthia Eileen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1296631	Optimizing Segmentation for Quantitative Studies of Materials	Skurikhin, Alexei N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gibbs, John W. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1261788	Mod 1 ICS TI Report: ICS Conversion of a 140% HPGe Detector	Bounds, John Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/5/2016
1261791	Quality New Mexico Performance Excellence Award Roadrunner Application 2016	Petru, Ernest Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/6/2016
1261787	Some New Verification Test Problems for Multimaterial Diffusion on Meshes that are Non-Aligned with Material Boundaries	Dawes, Alan Sidney [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Malone, Christopher M. [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261793	Multiscale Modeling using Molecular Dynamics and Dual Domain Material Point Method	Dhakal, Tilak Raj [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division. Fluid Dynamics and Solid Mechanics	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261797	HMPT: Introduction: Live #27916, Test 27917	Singledecker, Amalia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261798	Los Alamos Programming Models	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261799	Management Academy LANL Business Systems: Property Management, Course #31036	Shepherd, Michael J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rinke, Helen Mae [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/8/2016
1261802	Fire Extinguisher Designated Worker and Fire Watch: Self-Study Course 15672	Harris, Jimmy D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/8/2016
1261804	Software Build and Delivery Systems	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/10/2016
1291209	Space Vehicle Reliability Modeling in DIORAMA	Tornaga, Shawn Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/12/2016
1261795	RED Alert "Early warning or detection of global re-emerging infectious disease (RED)	Deshpande, Alina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291206	Inorganic nanoparticles for third generation solar cells	Velizhanin, Kirill A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291238	Applied Research in Earth Science Summer School Flyer	Miller, Elizabeth D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291239	Applied Research in Earth Science Summer School	Miller, Elizabeth D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291186	Predicting Climate Feedbacks and Impacts in the Terrestrial Arctic: w14_terraarctic progress report	Coon, Ethan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Atchley, Adam Lee [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/14/2016
1291187	2016 Institutional Computing Progress Report for w14_firetec	White, Judith W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Linn, Rodman [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/14/2016



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1261806	Maximizing 1D implosion performance for inertial confinement fusion science	Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291188	Quantifying uncertainty and sensitivity in sea ice models	Urrego Blanco, Jorge Rolando [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hunke, Elizabeth Clare [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291189	WalkThrough Example Procedures for MAMA	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gaschen, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291192	MAMA User Guide v2.0.1	Gaschen, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bloch, Jeffrey Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291237	An Overview of the Los Alamos Inertial Confinement Fusion and High-Energy-Density Physics Research Programs	Batha, Steven H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291263	Feasibility Study of Non-Destructive Techniques to Measure Corrosion in SAVY Containers	Davenport, Matthew Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1304794	A Literature Review of Shock Sensitivity Changes of TATB Due to Thermal Cycling	Ritter, Boyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); New Mexico Inst. of Mining and Technology,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291180	W14_greenhousegas Multi-scale Atmospheric Modeling of Green House Gas Dispersion in Complex Terrain: Controlled Release Study	Costigan, Keeley Rochelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sauer, Jeremy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/18/2016
1291181	Reflection processing of the large-N seismic data from the Source Physics Experiment (SPE)	Paschall, Olivia C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/18/2016
1291183	Improvements in Earthquake Location from Joint Inversion of Seismic and Gravity Observations – Application to the Iran Region	Syracuse, Ellen Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Maceira, Monica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/19/2016
1291184	Mathematical Formulation used by MATLAB Code to Convert FTIR Interferograms to Calibrated Spectra	Armstrong, Derek Elswick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/19/2016
1291254	Trinity Storage Infrastructure	Cunningham, Robert T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291257	DARHT Multi-intelligence Seismic and Acoustic Data Analysis	Stevens, Garrison Nicole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Van Buren, Kendra Lu [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291259	MPA Materials Matter July 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291260	Cielo-to-Trinity Storage Infrastructure	Cunningham, Robert T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291258	Report on simulation of fission gas and fission product diffusion in UO <sub>2</sub>	Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science and Technology Division];	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/22/2016
1291264	Keeping the Momentum and Nuclear Forensics at Los Alamos National Laboratory	Steiner, Robert Ernest [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dion, Heather M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/22/2016
1291243	Report Viewgraphs for IC Project: Fully-coupled climate simulations with an eddy-permitting ocean component	Veneziani, Carmela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291244	Marine Aerosol Precursor Emissions for Earth System Models	Maltrud, Mathew Einar [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291245	A New Multiphase Equation of State for Composition B	Coe, Joshua Damon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Margevicius, Madeline Alma	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291251	Graduate School and Fellowship Discussion	Farrar, Charles Reed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1304744	An Adaptive Mesh Algorithm: Mapping the Mesh Variables	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291246	Trails at LANL - Public Meeting and Forum - July 26, 2016	Pava, Daniel Seth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/26/2016
1291267	Video Analysis in Multi-Intelligence	Key, Everett Kiusan [Univ. of Washington, Seattle, WA (United States); Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/27/2016
1291277	Design of the next generation target at Lujan center, LANSCE.	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/27/2016
1291241	A Group Contribution Method for Estimating Cetane and Octane Numbers	Kubic, William Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Process Modeling and Analysis Group]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1291278	Analysis of Trinity Power Metrics for Automated Monitoring	Michalenko, Ashley Christine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016

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1296628	Treadmill Desks at LANL - Pilot Study	Fellows, Samara Kia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/28/2016
1296629	Comparison of Two Surface Contamination Sampling Techniques Conducted for the Characterization of Two Pajarito Site Manhattan Project National Historic Park	Lopez, Tammy Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/28/2016
1296630	Post-Traumatic Stress Disorder (PTSD)	Grogin, Phillip W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/28/2016
1296634	A thesis on the Development of an Automated SWIFT Edge Detection Algorithm	Trujillo, Christopher J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/28/2016
1291271	Comparison of Two Surface Contamination Sampling Techniques Conducted for the Characterization of Two Pajarito Site Manhattan Project National Historic Park	Lopez, Tammy Ann [Montana Tech of the Univ. of Montana, Butte, MT (United States); Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/29/2016
1291272	The AskIT Service Desk: A Model for Improving Productivity and Reducing Costs	Ashcraft, Phillip Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fogle, Blythe G. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/29/2016
1291276	X-ray simulation algorithms used in ISP	Sullivan, John P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/29/2016
1291274	Notes on the ExactPack Implementation of the DSD Rate Stick Solver	Kaul, Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/1/2016
1296705	L4 Milestone Report for MixEOS 2016 experiments and simulations	Loomis, Eric Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bradley, Paul Andrew [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/1/2016
1298216	Gamma-Ray Interactions for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/2/2016
1296696	FleCSI: Connection to Legion	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/3/2016
1296700	Offsetting Water Requirements and Stress with Enhanced Water Recovery from CO <sub>2</sub> Storage	Hunter, Kelsey Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); The Ohio State Univ., Columbus, OH (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/3/2016
1296701	Design of the Next Generation Target at the Lujan Neutron Scattering Center, LANSCE	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); National Graduate School of Engineering and	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/3/2016
1298219	Detector Fundamentals for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/3/2016
1298220	LANL ASC Advanced Technology Development and Mitigation: Next-Generation Code project (NGC)*	Daniel, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hungerford, Aimee L. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/3/2016
1296706	Offsetting Water Requirements and Stress with Enhanced Water Recovery from CO <sub>2</sub> Storage	Hunter, Kelsey Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/4/2016
1296707	KiloPower Program	McClure, Patrick Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/4/2016
1324542	Experimental Studies of Engineered Barrier Systems Conducted at Los Alamos National Laboratory (FY16)	Caporuscio, Florie Andre [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Norskog, Katherine Elizabeth [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/4/2016
1296691	Analysis of xRAGE and FLAG high explosive burn models with PBX 9404 cylinder tests	Harrier, Danielle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersen, Kyle Richard [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/5/2016
1296695	Interface area transport of monodispersed spherical particulates	Chang, Chong H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/5/2016
1296697	Material Protection, Accounting, and Control Technologies (MPACT): Modeling and Simulation Roadmap	Cipiti, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Dunn, Timothy [Lawrence Livermore National Lab. (LLNL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/5/2016
1296698	Moving Toward an Optimal and Automated Geospatial Network for CCUS Infrastructure	Hoover, Brendan Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/5/2016
1296651	Performance Studies of Parallel Erasure Coding on Clustered Micro Storage Servers	Egan, William Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coome, Samuel William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/8/2016
1296652	InfiniBand Performance Characterization in Virtual Machines and Containers	Smith, Adam Nathaniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ogas, Jordan Andrew [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/8/2016
1296692	w15_electrochem: Computational Modeling of Electrocatalyst Materials	Holby, Edward F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/8/2016
1296693	Development of a Web Interface for Search and Visualization of Self-describing Data sets	Cruz Pantoja, Omar [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/8/2016
1296694	DNDO Report: Predicting Solar Modulation Potentials for Modeling Cosmic Background Radiation	Behne, Patrick Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/8/2016

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1304696	Comparison of High Performance Network Options: EDR InfiniBand vs.100Gb RDMA Capable Ethernet	Kachelmeier, Luke Anthony [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of New Mexico, Albuquerque, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1304805	A multilfluid model extended for strong temperature nonequilibrium	Chang, Chong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296650	Charlecloud: Unprivileged containers for user-defined software stacks in HPC	Priedhorsky, Reid [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Randles, Timothy C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296653	Hearing Conservation Live #2430	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296654	Hearing Conservation Self-Study #12350	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296655	Scaling of induction-cell transverse impedance: effect on accelerator design	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296690	Research Library 2015 Annual Report	Magnoni, Dianna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1304738	Wildland Fire Induced Heating of Dome 375 Perma-Con <sup>®</sup>	Flores, Eugene Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1304795	A modeling approach for heat conduction and radiation diffusion in plasma-photon mixture in temperature nonequilibrium	Chang, Chong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1312644	A High-Rate, Single-Crystal Model including Phase Transformations, Plastic Slip, and Twinning	Addessio, Francis L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Bronkhorst, Curt Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296699	High-dose neutron detector project update	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304748	TA-54 (Area G) Risk Assessment from Extreme Wildfire Scenarios	Linn, Rodman Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Koo, Eunmo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304749	Redesign of the Target-Moderator-Reflector-Shield Assembly for Optimization of the Neutron Flux in the 0.001 $\mu$ eV to 1 MeV at LANSCE	Nowicki, Suzanne Florence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304735	The Efficient Utilization of Open Source Information	Baty, Samuel R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Intelligence and Systems Analysis]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304740	Beam Diagnostics Report for the Thermal Test Conducted on 3/9/2016	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dalmas, Dale Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304742	Data Analytics of Hydraulic Fracturing Data	Zhang, Jovan Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Viswanathan, Hari [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304743	Numerical Simulation of Systems of Shear Bands in Ductile Metal with Inclusions	Plohr, JeeYeon N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304745	Examining Computational Assumptions For Godiva IV	Kirkland, Alexander Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Jaegers, Peter James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304746	Tap Testing Hammer using Unmanned Aerial Systems (UASs)	Mason, JaMein DeShon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ayorinde, Emmanuel Temiloluwa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304747	Crenulation- $\hat{A}$ -1 Flash Report	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304789	Advanced Sensor Arrays and Packaging	Ryter, John Wesley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Romero, Christopher J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304808	Plate impact experiments on DC745U cooled to $\sim -60$ $\hat{A}$ C	Gustavsen, Richard L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Shock and Detonation Physics]; Dattelbaum, Dana M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1329550	Analytic computation of average energy of neutrons inducing fission	Clark, Alexander Rich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/12/2016
1304803	Verification Test of the SURF and SURFplus Models in xRage: Part III Affect of Mesh Alignment	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1304807	Simulation of Hohraum Wall Texture for Improved Performance in Hohraums	Meyer, Isaac Chartrand [Univ. of California, Berkeley, CA (United States)]; Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1325690	29 mm Diameter Test Target Design Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1304734	xRage Equation of State	Grove, John W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/16/2016

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1304736	2016 Research Final Presentation	Koskelo, EliseAnne Corinne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/16/2016
1304801	Overview ID/POV Process	Wendelberger, James G. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/16/2016
1304793	Expanding the HAWC Observatory	Mori, Johanna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/17/2016
1304806	A Better Understanding of Protein Structure and Function by the Synthesis and Incorporation of Selenium- and Tellurium Containing Tryptophan Analogs	Helmey, Sherif Samir [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Bioscience Division;	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/17/2016
1312628	Parallel File System I/O Performance Testing On LANL Clusters	Wiens, Isaac Christian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). High Performance Computing Division. Programming	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/18/2016
1304797	Velocimetry Overview for visitors from the DOD	Briggs, Matthew E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]; Holtkamp, David Bruce [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/19/2016
1304791	Literature Review of Nanosprings	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/22/2016
1324563	Using OFI libfabric on Cori/Edison	Pritchard, Howard Porter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Choi, Sung-Eun [Cray, Inc., Seattle, WA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/22/2016
1304798	Resolving Rapid Variation in Energy for Particle Transport	Haut, Terry Scot [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences Division];	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/23/2016
1312629	(U) Los Alamos National Laboratory Pit Manufacturing	Gubernatis, David C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Greenbank, Michael Delbert [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/23/2016
1312615	Grizzly Photos 2016-08-24	Tomlinson, Robert Dale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/24/2016
1312635	Reactor Power for Large Displacement Autonomous Underwater Vehicles	McClure, Patrick Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reid, Robert Stowers [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/24/2016
1312562	Identifying Heterogeneities in Subsurface Environment using the Level Set Method	Lei, Hongzhan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lu, Zhiming [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312633	Characterization and application of a laser-driven intense pulsed neutron source using Trident	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312636	Improvements in Boron Plate Coating Technology for Higher Efficiency Neutron Detection and Coincidence Counting Error Reduction	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312639	Sampling and Analysis Plan for Assessment of LANL-Derived Residual Radionuclides in Soils within Tract A-16-e for Land Conveyance	Gillis, Jessica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ruedig, Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312640	General Employee Training Live, Course 15503	Gabel, Daniel Glen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hughes, Heather [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312642	Accomplishments in the Trident Laser Facility	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312643	Success in Science, Success in Collaboration	Johnston, Mariann R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312645	Physics Flash August 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312622	LANL Summer 2016 Report	Mendoza, Paul Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/26/2016
1312618	Special Nuclear Material Gamma-Ray Signatures for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/29/2016
1312619	An S<sub>N</sub> Algorithm for Modern Architectures	Baker, Randal Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/29/2016
1312624	Gain Shift Corrections at Chi-Nu	Brown, Tristan Brooks [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of Massachusetts, Lowell, MA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312627	Additive Manufacturing of Hierarchical Porous Structures	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science and Technology Division. Polymers and	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312630	Pictures from VIP Tour During CNEC and CVT Measurements 2016	Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bahran, Rian Mustafa [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312631	Pictures from Year Two CNEC and CVT Measurements	Hutchinson, Jesson D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bahran, Rian Mustafa [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016

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1321698	An Overview of the Monte Carlo Methods, Codes, & Applications Group	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1321699	Los Alamos National Laboratory information session	Adams, Alex Jackson [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gardner, Darryl Paul [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1321700	Nested Dissection Interface Reconstruction in Pececillo	Jibben, Zechariah Joel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321701	Summer 2016	Mendoza, Paul Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321703	Capturing the Future: Direct and Indirect Probes of Neutron Capture	Couture, Aaron Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321704	Dense Plasma Focus Modeling	Li, Hui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Li, Shengtai [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321705	HR Brochure	Sparks, Teresa M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1324576	Efficient Workflows for Curation of Heterogeneous Data Supporting Modeling of U-Nb Alloy Aging	Ward, Logan Timothy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hackenberg, Robert Errol [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321659	Amplitude Models for Discrimination and Yield Estimation	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321660	Treaty Monitoring Using Seismology, with Focus on High Frequency Amplitude Models	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321661	Report on proposed improvements to FRAM uncertainty	Yoho, Michael Duncan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Porterfield, Donovan R. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321696	The search for a 100MA RancheroS magnetic flux compression generator	Watt, Robert Gregory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321697	Arbitrary Order Mixed Mimetic Finite Differences Method with Nodal Degrees of Freedom	Iaroshenko, Oleksandr [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1325686	FY16 ASC ATDM L2 Milestone: PARTISN Research and FleCSI Updates	Womeldorf, Geoffrey Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Payne, Joshua Estes [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1312621	Anisotropic Thermal Behavior of Silicone Polymer, DC 745	Adams, Jillian Cathleen [Univ. of Oregon, Eugene, OR (United States). Dept. of Chemistry; Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321658	Extended Dry Storage Signature Bench Scale Detector Conceptual Design	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321662	Comprehensive numerical methodology for direct numerical simulations of compressible Rayleigh-Taylor instability	Reckinger, Scott James [Montana State Univ., Bozeman, MT (United States)]; Livescu, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321663	Learning Team Review 2016-0002 Parking Lot Event 2016	Wilburn, Dianne Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bitteker, Leo John [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321702	Dynamic Moisture Sorption and Desorption in Fumed Silica-filled Silicone Foam	Trautschold, Olivia Carol [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1324541	The Finite Deformation Dynamic Sphere Test Problem	Versino, Daniele [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brock, Jerry Steven [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321708	GoAmazon â€” Scaling Amazon Carbon Water Couplings	Dubey, Manvendra Krishna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321709	Techniques to Understand Arctic Hydrology	Arendt, Carli Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321710	Pseudo-atom Molecular Dynamics in Pictures	Starrett, Charles Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321711	W14_CONTAMINANTREMIATION: High Performance Computing (HPC) for Multi-scale Decision Analyses: From Pore-scale Processes to Field-scale Contaminant Remediation	Vesselinov, Velimir Valentinov [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; O'Malley, Daniel [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321712	Optimal Transmission Line Switching under Geomagnetic Disturbances	Bent, Russell Whitford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lu, Mowen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321713	NaI Measurements of Plutonium & Other Sources with the INL Coin	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1324540	Developing Materials Processing to Performance Modeling Capabilities and the Need for Exascale Computing Architectures (and Beyond)	Schraad, Mark William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics and Engineering Models]; Luscher, Darby Jon [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016

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1324564	A New 5-Phase Equation of State for Carbon	Coe, Joshua Damon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Gammel, J. Tinka [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1324539	Learning Team Review 2016-0001: Installing Outlets for Programmatic Equipment	Dunwoody, John Tyler [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Obrey, Kimberly Ann [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/8/2016
1324562	OpenMPI and ExxonMobil Topics	Hjelm, Nathan Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pritchard, Howard Porter [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/9/2016
1324560	Climate Modeling: Ocean Cavities below Ice Shelves	Petersen, Mark Roger [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/12/2016
1324543	Flowrate testing of the bag filter LANCs-BOP 6CPVC-1.5-2SPVC (LANCS Industries) at 1 psig	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Currie, Karissa Lyn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324544	2016 CSSE L3 Milestone: Deliver In Situ to XTD End Users	Patchett, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nouanesengsy, Boonthanome [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324545	Corkscrew Motion of an Electron Beam due to Coherent Variations in Accelerating Potentials	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324547	The Last Big Bang	McGuire, Austin D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meade, Roger Allen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324548	Nested Dissection Interface Reconstruction in Pececillo	Jibben, Zechariah Joel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324573	Safeguards by Design Challenge	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1325667	Tycho 2: A Proxy Application for Kinetic Transport Sweeps	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/14/2016
1325664	Guide to Using Onionskin Analysis Code (U)	Fugate, Michael Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Statistical Sciences Group]; Morzinski, Jerome Arthur [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/15/2016
1325689	Non-destructive Preradiation Assessment of UN / U-Si $\alpha$ ATF formulation	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Losko, Adrian Simon [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/15/2016
1325691	Isolator fragmentation and explosive initiation tests	Dickson, Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rae, Philip John [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/19/2016
1325660	Real-time Social Internet Data to Guide Forecasting Models	Del Valle, Sara Y. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1325662	Diamond field emitter array cathodes and possibilities for employing additive manufacturing for dielectric laser accelerating structures	Simakov, Evgeniya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andrews, Heather Lynn [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1325663	Sensitivity-Uncertainty Based Nuclear Criticality Safety Validation	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of New Mexico, Albuquerque, NM (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327985	White Paper on Potential Hazards Associated with Contaminated Cheesecloth Exposed to Nitric Acid Solutions	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327994	C1-continuous Virtual Element Method for Poisson-Kirchhoff plate problem	Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mourad, Hashem Mohamed [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327981	Signatures of Extended Storage of Used Nuclear Fuel Comprehensive Final Report	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/21/2016
1327987	DSD2D-FLS 2010: Bdzil's 2010 DSD Code Base; Computing tb and Dn with Edits to Reduce the Noise in the Dn Field Near HE Boundaries	Bdzil, John Bohdan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/21/2016
1327983	Using superconducting undulator for enhanced imaging capabilities of MaRIE	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327984	Analysis of the LSC microbunching instability in MaRIE linac reference design	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327991	Addressing Common Technical challenges in Inertial Confinement Fusion	Haynes, Donald A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327992	Double Emittance Exchanger as a Bunch Compressor for the MaRIE XFEL electron beam line at 1GeV	Malyzhenkov, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Northern Illinois Univ., DeKalb, IL (United States)];	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327993	2016 Final Reports from the Los Alamos National Laboratory Computational Physics Student Summer Workshop	Runnels, Scott Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bachrach, Harrison Ian [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327995	(U) Estimating the Photonics Budget, Resolution, and Signal Requirements for a Multi-Monochromatic X-ray Imager	Tregillis, Ian Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016

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1327996	MCNP Input for the HI-STORM 100S with MPC-32 canister with real source terms and simulated fuel materials	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327997	Production Facility Prototype Blower Installation Report with 1000 Hr Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327998	Overview of the LANL Pyrochemical Flowsheet and other Plutonium Operations	Jackson, Jay Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parkinson, David Allen [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327999	An Attempt to Measure the Gamma Radiation Dosage at Hiroshima from Photosensitive Material	Brixner, Berlyn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mcmillan, Edwin [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1328000	The Los Alamos Scientific Laboratory - An Isolated Nuclear Research Establishment	Bradbury, Norris E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meade, Roger Allen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1329531	Nuclear Energy Enabling Technologies (NEET) Reactor Materials: News for the Reactor Materials Crosscut, May 2016	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science in Radiation and Dynamics Extremes]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329533	Optimization of Compton Source Performance through Electron Beam Shaping	Malyzhenkov, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Yampolsky, Nikolai [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329534	Associate Directorate Environmental Management Infrastructure Plan for Area G and Area L Domes	Stevens, Patrice Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Baumer, Andrew Ronald [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329535	L2 Milestone 5433: Characterization of Dynamic Behavior of AM and Conventionally Processed Stainless Steel (316L and 304L)	Gray, George Thompson [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Livescu, Veronica [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329536	New Mexico Small Business Assistance (NMSBA) September 2016 Advisory Council Update	Larkin, Ariana Kayla [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329542	Progress on FP13 Total Cross Section Measurements Capability	Ullmann, John Leonard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Couture, Aaron Joseph [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329543	Plutonium Critical Mass Curve Comparison to Mass at Upper Subcritical Limit (USL) Using Whisper	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes]; Zhang, Ning [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329544	A Review of Current Machine Learning Methods Used for Cancer Recurrence Modeling and Prediction	Hemphill, GERALYN M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329546	Wavelet Transforms using VTK-m	Li, Shaomeng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sewell, Christopher Meyer [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329547	Visualization and Data Analysis for High-Performance Computing	Sewell, Christopher Meyer [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329551	What Do Owls, Salamanders, Flycatchers and Cuckoos Have In Common?	Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Wildlife Management]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329538	Aqueous Chloride Operations Overview: Plutonium and Americium Purification/Recovery	Gardner, Kyle Shelton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimball, David Bryan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329603	Signatures of Extended Storage of Used Nuclear Fuel in Casks	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329604	Arctic Riverine CDOM and its effects on the Polar Marine Light Field	Orandle, Zoe Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Weijer, Wilbert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329605	Boron-lined parallel-plate Collar	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329606	Kinetic Transport Equations and Parallel Computing	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329608	The Perils of Paul: Near Disasters in Airborne Radiochemical Sampling	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329633	Report on Concepts & Approaches for SSB for eCHEM	Murphy, Chantell Lynne-Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329642	Test Plan for Cask Identification Detector	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329644	Theoretical Insight into Shocked Gases	Leiding, Jeffery Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329647	Radioisotopic Thermoelectric Generator (RTG) Surveillance	Mulford, Roberta Nancy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329648	Experimental Determination of Demand Response Control Models and Cost of Control for Ensembles of Window-Mount Air Conditioners	Geller, Drew Adam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Backhaus, Scott N. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016

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1329649	Off-Site Source Recovery Project Overview.	Coel-Roback, Rebecca J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329650	Nuclear Forensics at Los Alamos National Laboratory	Kinman, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Steiner, Robert Ernest [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329651	Enhancements to BISON U-Zr Metallic Fuel X447 Example Problem	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Matthews, Christopher [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329652	Constituent Redistribution in U-Zr Metallic Fuel Using the Advanced Fuel Performance Code BISON	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Unal, Cetin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329653	Material Protection, Accounting, and Control Technologies (MPACT) Advanced Integration Roadmap	Durkee, Joe W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cipiti, Ben [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329654	Actinide Analytical Chemistry Capabilities -Los Alamos National Laboratory	Xu, Ning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329691	The Rock that Hit New York	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Keksis, August Lawrence [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329692	Los Alamos National Laboratory JOWOG 31 Weapons Engineering Education & Training	Domzalski, Mark W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329695	Update on LANL DU U-10Mo Casting and on Characterization of Y-12 LEU Casting	Aikin, Robert M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329696	Metallography of High Carbon Content Cold-rolled U-10Mo - LEU	Hammon, Duncan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Alexander, David John [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329698	ROMUSE 2.0 User Manual	Khuwailah, Bassam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Turinsky, Paul [North Carolina State Univ., Raleigh, NC	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329699	User Guidelines and Best Practices for CASL VUQ Analysis Using Dakota	Adams, Brian M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Coleman, Kayla [North Carolina State Univ., Raleigh, NC (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329700	Milestone 5431: Chi-Nu Measurements of Prompt Fission Neutron Spectra (PFNS)	White, Morgan Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Devlin, Matthew James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329701	Multiferroic Response Engineering in Mesoscale Oxide Structures	Yarotski, Dmitry Anatolievitch [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329702	NDE Solutions: Imaging SCC with Acoustic Techniques	Remillieux, Marcel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ulrich, Timothy James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329818	Los Alamos National Laboratory Request for Proposals: Trident Laser System (TLS) Redeployment and Life Extension, October 5, 2016	Stringer, Steven F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329815	The Concept of Reliability and Trustworthiness	Atencio, Julian James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329820	Semi-classical Electrodynamics: A Short Note	Lestone, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329821	The $\alpha$ -ion-electron semi-analytic shock solution for code-comparison with xRAGE: A report for FY16	Ferguson, Jim Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329823	Doubly-Hierarchical One-Way Random Effects Model: Multivariate Data	Sigeti, David Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vander Wiel, Scott Alan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329824	NNSA Nuclear Smuggling Detection and Deterrence	Brock, Jason Carter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329825	Simulation-Informed Performance Tuning for Monte Carlo Proton Transport on GPUs	Zieb, Kristofer James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329826	MST e-News October 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329833	Radiation Protection Programs Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329834	Environmental Protection and Compliance Program Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329835	Gas Generation of Heated PBX 9502	Holmes, Matthew David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parker, Gary Robert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329836	MPA: Materials Physics and Applications	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016



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1329840	Cosmic Ray Muon Tomography	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329841	Carbon Nanotube Coated Conductors	Holesinger, Terry George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329842	Biogeochemistry of CICE: the Los Alamos Sea Ice Model Documentation and Software User's Manual zbgc_colpkg modifications to Version 5	Jeffery, Nicole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Elliott, Scott M. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329843	Rapid Response: D-Wave Effort Debrief Welcome, Logistics	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329845	NonDestructive Evaluation for Industrial & Development Applications	Hunter, James F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1329846	NJOY and MCNP	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1334098	Sample EP Flow Analysis of Severely Damaged Networks	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; McCown, Andrew William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1329848	Multiphase Flow Calculations in CartaBlanca	Zhang, Duan Zhong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1329849	2016 Research Outreach Program report	Lee, Hye Young [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kim, Yangkyu [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1329850	Research Topics in Malware	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330055	Graph Partitioning using the D-Wave for Electronic Structure Problems	Mniszewski, Susan M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Negre, Christian Francisco [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330056	QED Based Calculation of the Fine Structure Constant	Lestone, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330059	Comparison of Statistical Methods for Detector Testing Programs	Rennie, John Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Abhold, Mark [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/14/2016
1330060	Using NJOY to Create MCNP ACE Files and Visualize Nuclear Data	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/14/2016
1330061	Life After SFS	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330062	Malware Analysis in a Nutshell	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330063	nLTE performance improvements with inlinlte	Holladay, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330067	With Whom Does LANL Publish? â€œ A look at LANL collaborations from 1990 -2015 using the Web of Science	Springer, Everett P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330069	Pulsed Power Science and Technology: A Strategic Outlook for the National Nuclear Security Administration (Summary)	Sinars, Daniel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Scott, Kimberly Carole [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330070	An update to the computation of the Goudsmit-Saunderson distribution in MCNP Â® version 6.2	Dixon, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1329816	Non-destructive Quantitative Phase Analysis and Microstructural Characterization of Zirconium Coated U-10Mo Fuel Foils via Neutron Diffraction	Cummins, Dustin Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330066	Pu239 Cross-Section Variations Based on Experimental Uncertainties and Covariances	Sigeti, David Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Williams, Brian J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330071	Discrete Fracture Network Modeling and Simulation of Subsurface Transport for the Topopah Springs and Lava Flow Aquifers at Pahute Mesa, FY 15 Progress Report	Makedonska, Natalia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kwicklis, Edward Michael [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330072	Production Facility Prototype Blower 1000 Hour Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330073	Plasma Sprayed Zirconium Diffusion Barrier Development for Monolithic U-Mo Metallic Fuels	Cummins, Dustin Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hollis, Kendall Jon [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330075	Report on MPACT Deliverable M3FT-16LA04106035 (High Dose Evaluation of Improved PDT Detector Pod)	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330078	Literature Review: Weldability of Iridium DOP-26 Alloy for General Purpose Heat Source	Burgardt, Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/19/2016

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1330079	Graph Partitioning Methods for Fast Parallel Quantum Molecular Dynamics	Djidjev, Hristo Nikolov [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hahn, Georg [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/19/2016
1330080	Parallel Algorithms for the Exascale Era	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/19/2016
1329537	Comparison of femtosecond and nanosecond laser ablation inductively coupled plasma mass spectrometry for uranium isotopic measurements	Havrilla, George Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; McIntosh, Kathryn Gallagher [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/20/2016
1330082	Computing at Los Alamos: A Brief Overview, and Details on Codesign Performance Prediction through Just-in-time-compiled Parallel Discrete Event Simulation	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/20/2016
1330083	Density of Plutonium Turnings Generated from Machining Activities	Gonzales, John Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vigil, Duane M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/20/2016
1330084	Challenges and Successes of Solving Binary Quadratic Programming Benchmarks on the DW2X QPU	Coffrin, Carleton James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nagarajan, Harsha [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/20/2016
1330173	Milestone report: The simulation of radiation driven gas diffusion in UO <sub>2</sub> at low temperature	Cooper, Michael William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kuganathan, Navaratnarajah [Imperial College,	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/24/2016
1330174	Development and Execution of a Large-scale DDT Tube Test for IHE Material Qualification	Parker, Gary Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Broilo, Robert M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/24/2016
1330177	Modeling Zika plasma viral dynamics in non-human primates: insights into viral pathogenesis and antiviral strategies	Best, Katharine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Guedj, Jeremie [Univ. of Paris (France). IAME]; Madelain, Vincent	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/24/2016
1330178	A History of Security Stations at Los Alamos National Laboratory	Holtkamp, David M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brunette, Jeremy Christopher [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/24/2016
1330175	Kinetic Interaction of Uranium Vacancies and Dislocations in UO <sub>2</sub>	Uberuaga, Blas P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Goyal, Anuj [Univ. of Florida, Gainesville, FL (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/25/2016
1330179	Production of FR Tubing from Advanced ODS Alloys	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lavender, Curt [Pacific Northwest National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/25/2016
1330180	Tailoring Light-Matter Interactions with Magneto-Optical Materials	de Melo Kort-Kamp, Wilton Junior [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/25/2016
1330181	Summaries of FY16 LANL experimental campaigns at the OMEGA and EP Laser Facilities	Loomis, Eric Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Merritt, Elizabeth Catherine [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/25/2016
1330623	2016 KIVA-hpFE Development: A Robust and Accurate Engine Modeling Software	Carrington, David Bradley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Waters, Jijia [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/25/2016
1330624	Radial diffusion in non-dipolar background fields	Cunningham, Gregory Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/26/2016
1330625	R-X Modeling Figures	Goda, Joetta Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Thomas [Oak Ridge National Lab. (ORNL), Oak	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/26/2016
1330626	Radiation Protection Program: Radiological Engineering	Griffin, Matthew Alden [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/26/2016
1330627	Experimental Planning for LYNM Source	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Anderson, Dale [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/26/2016
1330628	MPA Materials Matter October 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/26/2016
1330630	Benchmarking PARTISN with Analog Monte Carlo: Moments of the Neutron Number and the Cumulative Fission Number Probability Distributions	O'Rourke, Patrick Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/27/2016
1330632	Gas Cylinder Safety, Course 9518	Glass, George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/27/2016
1330633	Countroom Overview	Dry, Donald E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; James, Michael R. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/27/2016
1330636	Modal model: a material interface stability model	Canfield, Jesse M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/27/2016
1330638	Nondestructive Assay Data Integration with the SKB-50 Assemblies - FY16 Update	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fugate, Michael Lynn [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/28/2016
1330639	Preliminary Exploration of Encounter During Transit Across Southern Africa	Stroud, Phillip David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cuellar-Hengartner, Leticia [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/28/2016
1330640	Demonstration of Ciclops and Electric Distribution Damage in the AGAVE Web Application (slides)	Linger, Steve P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coffrin, Carleton James [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/28/2016

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1330641	Bishop All Hands 11-3-16	Bishop, Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330642	Supernova Remnant Studies	Fryer, Christopher Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330646	Continuous Energy Photon Transport Implementation in MCATK	Adams, Terry R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330647	Trident Utility Requirements	Johnson, Randall Philip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1332212	Assess How Changes in Fuel Cycle Operation Impact Safeguards	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Nuclear Engineering and Nonproliferation Division];	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1334106	Feasibility Study for Electrical Discharge Machining of Large DU-Mo Castings	Hill, Mary Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). SIGMA Division]; Dombrowski, David E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330648	Lewis-Kuhn Lab Overview 11-3-16	Bishop, Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330649	Trident Laser Building Layout	Johnson, Randall Philip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330650	On the possibility of 3D imaging with a single-beam diagnostics	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330651	KRUSTY Design and Modeling	Poston, David Irvin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330652	EMP/GMD Phase 0 Report, A Review of EMP Hazard Environments and Impacts	Rivera, Michael Kelly [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330653	Wildlife Monitoring on the Pajarito Plateau	Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Phillips, Emily Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1331246	Seismic Spectrogram Recognition by Matching the Energy Distributions	Skurikhin, Alexei N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stead, Richard J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/2/2016
1331252	Engineering Survival Skills: Keeping a Lab Notebook	Cattaneo, Alessandro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/3/2016
1331254	Nondestructive Analysis of MET-5 Paint Can at TA35 Building 2 A-Wing Vault	Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/3/2016
1331255	We are hiring	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/4/2016
1331256	Expansion of 3D vector fields and second-rank tensor fields in spherical harmonics (SHE). Notes from 1999 by Charles Zemach [Retired, LANL Scientist and Affiliate (1976-2004)].	Zemach, Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kurien, Susan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/4/2016
1331293	Monte Carlo analysis: error of extrapolated thermal conductivity from molecular dynamics simulations	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331294	Oxidizer Scoping Studies	Chancellor, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331296	Semi-Analytic Benchmarks for MCNP6	Grechanuk, Pavel Aleksandrovi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331297	Semi-Analytical Benchmarks for MCNP6	Grechanuk, Pavel Aleksandrovi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331298	Characterization and Testing of Improved Hydrogen Getter Materials - FY16 Annual Report	Hubbard, Kevin Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sandoval, Cynthia Wathen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331299	Constrained Shortest Path Estimation on the D-Wave 2X: Accelerating Ionospheric Parameter Estimation Through Quantum Annealing	Baker, Zachary Kent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1332213	Photon Next-Event Estimator Implementation in MCATK	Sweezy, Jeremy Ed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications Group.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331302	Development of a Waste Vault Directional Assay System (VDAS)	LaFleur, Adrienne Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331303	Development of a Waste Vault Directional Assay System (VDAS)	LaFleur, Adrienne Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331304	Nuclear Data Processing at Los Alamos National Laboratory	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016

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1331305	High-Dose Neutron Detector Development Using 10B Coated Cells	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlava, Daniela [Los Alamos National Lab.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331306	A journey from nuclear criticality methods to high energy density radflow experiments	Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331307	Characterization of the Geosynchronous Plasma Environment for the SENSER/RROE Optical Instrument	Woodroffe, Jesse Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1332202	KNL I/O on Gadget and Trinitite	Torrez, Alfred [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1332201	Measuring the Multiplication of Spent Fuel Assemblies â€” Itâ€™s easier than you think!	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/9/2016
1332205	Estimating the AmLi Neutron Spectrum from Measured Ring Ratios	Weinmann-Smith, Robert [Univ. of Florida, Gainesville, FL (United States)]; Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/10/2016
1332208	DOE - BES Nanoscale Science Research Centers (NSRCs)	Beecher, Cathy Jo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332210	Empire: New Mexico's First Television Program	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332211	Radiochemistry and the Study of Fission	Rundberg, Robert S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332214	Notes from 1999 on computational algorithm of the Local Wave-Vector (LWV) model for the dynamical evolution of the second-rank velocity correlation tensor starting from the	Zemach, Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kurien, Susan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332216	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at National Taipei University of Technology)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332217	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at National Sun Yat-sen University)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332218	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at Center for Condensed Matter Sciences)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332219	Generative Modeling for Machine Learning on the D-Wave	Thulasidasan, Sunil [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Information Sciences Group]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333117	Thermal Stress Awareness, Self-Study #18649	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333118	PacBio-sequenced data files for the sugar beet genome	Davenport, Karen Walston [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1334093	Texture and phase analysis of deformed SUS304 by using HIPPO	Takajo, Shigehiro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333119	Radiation Detection Overview for Nuclear Emergency Response	Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/16/2016
1334084	Shock and Release Response of Unreacted Epon 828: Shot 2s-905	Pisa, Matthew Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fredenburg, David A. [Los Alamos National Lab.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/16/2016
1332209	Introduction to High Explosives Science	Skidmore, Cary Bradford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Preston, Daniel N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333123	The Postwar Laboratory	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333124	Spectral Shifting in Nondestructive Assay Instrumentation	Trellue, Holly Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nettleton, Anthony Steven [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333126	The Microbiology of Subsurface, Salt-Based Nuclear Waste Repositories: Using Microbial Ecology, Bioenergetics, and Projected Conditions to Help Predict Microbial Effects on	Swanson, Juliet S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cherkouk, Andrea [Helmholtz-Zentrum Dresden-	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1334087	Possible Nuclear Safeguards Applications: Workshop on Next-Generation Laser Compton Gamma Source	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333128	MarFS: A Scalable Near-POSIX Name Space over Cloud Objects â€” New Features	Bonnie, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lamb, Kyle E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016
1333129	(U) SENSIMG: First-Order Sensitivities of Neutron Reaction Rates, Reaction-Rate Ratios, Leakage, keff, and Î± Using PARTISN	Favorite, Jeffrey A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016
1334096	Advancing radiation balanced lasers (RBLs) in rare-earth (RE)-doped solids	Hehlen, Markus Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016

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1334088	Ab initio study of the effects of dilute defects on the local structure of unalloyed $\delta$ -plutonium	Hernandez, Sarah Christine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kisiel, Elliot Steven [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334089	Parameterization of a Cookoff Model for LX-07	Aviles-Ramos, Cuauhtemoc [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Advanced Engineering Analysis Group (W-13)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334090	High-Voltage Breakdown Penalties for the Beam-Breakup Instability	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334091	2016.11.22 Updated Materials Physics and Applications Division Overview Presentation for TV monitor in 3-1415-Lobby	Duran, Susan M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334094	A Handbook for Derivative Classifiers at Los Alamos National Laboratory	Sinkula, Barbara Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334099	Operational Characteristics of an Accelerator Driven Fissile Solution System	Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334100	Effect of Pressure Gradients on the Initiation of PBX-9502 via Irregular (Mach) Reflection of Low Pressure Curved Shock Waves	Hull, Lawrence Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Phillip Isaac [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334101	Waste Generation Overview, Course 23263	Simpson, Lewis Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334102	Monte Carlo Techniques for Nuclear Systems - Theory Lectures	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications Group;	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334105	GPS Radiation Measurements: Instrument Modeling and Simulation (Project w14_gpsradiation)	Sullivan, John P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334107	Temperature derivatives for fusion reactivity of D-D and D-T	Langenbrunner, James R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Makaruk, Hanna Ewa [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334108	Criticality Calculations with MCNP6 - Practical Lectures	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications (XCP-3)];	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334109	2016 T Division Lightning Talks	Ramsey, Marilyn Leann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Adams, Luke Clyde [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334110	TA-55 and Sigma Overview	Spearing, Dane Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Safeguards Science and Technology Group (NEN-	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334103	Physics Flash December 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). ADEPS Communications]	TR	LANL	Los Alamos National Lab. (LANL), Los A	12/1/2016
1245114	Analytical Formulas for Short Bunch Wakes in a Flat Dechirper	Bane, Karl [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Stupakov, Gennady [SLAC National Accelerator Lab., Menlo Park, CA	TR	SLAC	Los Alamos National Lab. (LANL), Los A	3/29/2016
1261789	A 1-D Study of the Ignition Space for Magnetic Indirect (X-ray) Drive Targets	Cobble, James Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sinars, Daniel Brian [Sandia National Lab. (SNL-NM),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/2/2016
1325682	Derivation of Authorized Limits for Land Transfer at Los Alamos National Laboratory	Perona, Ralph [Neptune and Company, Inc., Bellingham, WA (United States)]; Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Neptune and Company, Inc.,	9/14/2016
1325659	Characterization of Tubing from Advanced ODS alloy (FCRD-NFA1)	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Aydogan, Eda [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Pacific Northwest National Lab.	9/20/2016
1325688	Viability of thin wall tube forming of ATF FeCrAl	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Aydogan, Eda [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Pacific Northwest National Lab.	9/16/2016
1235219	Feature Extraction for Structural Dynamics Model Validation	Farrar, Charles [Los Alamos National Laboratory]; Nishio, Mayuko [Yokohama University]; Hemez, Francois [Los Alamos National Laboratory]; Stull,	TR	LANL	Los Alamos National Laboratory (LANL)	1/13/2016
1235220	High-dose neutron detector development	Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2016
1235221	Emission Spectroscopy of the 4X Source Discharge With and Without N <sub>2</sub> Gas	Smith, Horace Vernon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2016
1235216	ta 60 warehouse swppp	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1235217	ta 60 heavy equipment yard swppp	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1235218	Los Alamos and Lawrence Livermore National Laboratories Code-to-Code Comparison of Inter Lab Test Problem 1 for Asteroid Impact Hazard Mitigation	Weaver, Robert P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Paul [Lawrence Livermore National Lab. (LLNL),	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1237412	A defect density-based constitutive crystal plasticity framework for modeling the plastic deformation of Fe-Cr-Al cladding alloys subsequent to irradiation	Patra, Anirban [Los Alamos National Laboratory]; Wen, Wei [Los Alamos National Laboratory]; Martinez Saez, Enrique [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	2/5/2016

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1239914	Pressure Safety: Advanced Live 11459	Glass, George [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/2/2016
1240807	Treatment Study Plan for Nitrate Salt Waste Remediation Revision 1.0	Juarez, Catherine L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Funk, David John [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/7/2016
1242906	Technical Area 60-002 Salvage and Warehouse Area	Heintschel, Cliff Lynn [Los Alamos National Laboratory]; Wheeler, Holly Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2016
1242915	M-7 High Explosives Science and Technology Analytical Laboratory Report Analytical Lab# 52219	Brown, Geoffrey Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242916	Influence of Grain Boundary Properties and Orientation on Void Nucleation	Fensin, Saryu Jindal [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242925	Flammable Gas Safety Self-Study 52827	Glass, George [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242926	LAFD: TA-15 DARHT Firefighter Facility Familiarization Tour, OJT 53044, Revision 0.2	Rutherford, Victor Stephen [Los Alamos National Laboratory]; Priestley, Terry B. [Los Alamos National Laboratory]; Maestas, Marvin Manuel	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242927	Control of Delta Robot and Development of Servo Hook using Python Programming	Bae, Dae-Yun [Los Alamos National Laboratory-Chonbuk National University Engineering Institute, Korea]; Mascarenas, David Dennis [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242928	MST e-News March 2016	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242929	Threshold Magnitudes for Detecting Small Explosions via Waveform Matching	Carmichael, Joshua Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2016
1242930	Rapid heating of matter with high power lasers	Bang, Woosuk [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2016
1242919	Quantifying antiviral activity optimizes drug combinations against hepatitis C virus infection	Koizumi, Yoshiki [School of Medicine, College of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Ishikawa, Japan]; Nakajim,	TR	LANL	Los Alamos National Laboratory (LANL)	3/21/2016
1242920	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Laboratory]; Oro, David Michael [Los Alamos National Laboratory]; Griego, Jeffrey Randall [Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/21/2016
1242921	NCSP NCERC Class Pictures February 2016	Cutler, Theresa Elizabeth [Los Alamos National Laboratory]; Hutchinson, Jesson D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2016
1242923	Los Alamos National Laboratory's Approach to Metal Additive Manufacturing	Knapp, Cameron M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2016
1241640	Technical Area 60-0001 Heavy Equipment (Motor Pool) Shop Areas	Heintschel, Cliff Lynn [Los Alamos National Laboratory]; Wheeler, Holly Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244321	Nanotechnology Safety Self-Study	Groggin, Phillip W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1237271	Request for Information from entities interested in commercializing Laboratory-developed advanced in vitro assessment technology	Intrator, Miranda Huang [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2016
1245558	2016 KIVA-hpFE Development. A Robust and Accurate Engine Modeling Software	Carrington, David Bradley [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2016
1245549	i-Expense Oracle SIG	Montoya, Frederic Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2016
1245550	Crane. Incidental Classroom Instruction 20295	Reynolds, Richard Jennings [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2016
1245568	Confined Tube Crimp Using Portable Hand Tools	Reynolds, Joseph James [Los Alamos National Laboratory]; Pereyra, R. A. [LANL Retired]; Archuleta, Jeffrey Christopher [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245569	Results from Second Round of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245572	LANL Institutional Decision Support By Process Modeling and Analysis Group (AET-2)	Booth, Steven Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245574	An Early Quantum Computing Proposal	Lee, Stephen Russell [Los Alamos National Laboratory]; Alexander, Francis Joseph [Los Alamos National Laboratory]; Barros, Kipton	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245575	M-7 High Explosives Science and Technology Analytical Laboratory Data #52249	Brown, Geoffrey Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245551	The Antibacterial Resistance Threat. Are We Heading Toward a Post-Antibiotic Era?	Giorgi, Elena Edi [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2016

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1245552	Numerical Studies of Nano-Film, Wire and Dot Transitions with Emergent Nano Properties	Wendelberger, James G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2016
1248101	LANL's Weather Machine and Comparison of KLAM with Nearby Wind Data	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2016
1245571	Antigovernment Groups. A Growing Threat to US Security	Swift, Alicia L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2016
1253502	Technical Basis for the Removal of Unremediated Nitrate Salt Sampling (UNS) to Support LANL Treatment Studies	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2016
1248100	Computable general equilibrium model fiscal year 2014 capability development report	Edwards, Brian Keith [Los Alamos National Laboratory]; Boero, Riccardo [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/11/2016
1253557	DIORAMA Communications	Galassi, Mark C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/24/2016
1291247	An Adaptive Mesh Algorithm: Mesh Structure and Generation	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/21/2016
1239926	Respirators: APR Issuer Self Study 33461	Chochoms, Michael [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/13/2016
1278753	Gap Analysis of Storage Conditions between NNSS and LANL for SAVY 4000 Use	Reeves, Kirk Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Smith, Paul Herrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2016
1291182	Proof-of-Concept Study for Uncertainty Quantification and Sensitivity Analysis using the BRL Shaped-Charge Example	Hughes, Justin Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mississippi State Univ., Mississippi State, MS	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2016
1259631	Confined Space Evaluation Student Manual, #19613	Wilmot, David Ezekiel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2016
1304821	Analytic EoS and PTW strength model recommendation for Starck Ta	Sjue, Sky K. [Los Alamos National Laboratory]; Prime, Michael Bruce [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2016
1323383	Molybdenum Disilicide Oxidation Kinetics in High Temperature Steam	Wood, Elizabeth Sooby [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parker, Stephen Scott [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	9/7/2016
1329043	FINAL REPORT OF THE PEÑA BLANCA NATURAL ANALOGUE PROJECT	Goldstein, Steven Joel [Los Alamos National Laboratory]; Levy, Schon S. [Los Alamos National Laboratory (retired)]; Abdel-Fattah, Amr I. [Los	TR	LANL	Los Alamos National Laboratory (LANL)	10/4/2016
1321707	Coupled Thermal-Hydrologic-Chemical Coupled Model for In-Drift Disposal Test	Jordan, Amy B. [Los Alamos National Laboratory]; Stauffer, Philip H. [Los Alamos National Laboratory]; Zivoloski, George Anthony [Los	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2016
1304800	Non-Destructive Assay (NDA) Uncertainties Impact on Physical Inventory Difference (ID) and Material Balance Determination: Sources of Error, Precision/Accuracy, and ID/Propagation of	Wendelberger, James G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2016
1331253	Nondestructive Analysis of MET-5 Drum at TA35 Building 2 A-Wing Vault.	Desimone, David J. [Los Alamos National Laboratory]; Vo, Duc Ta [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/3/2016
1254262	Welcome to Los Alamos National Laboratory	Rosenberg, Nina Dale [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2016
1331301	Instructional Design Briefing A Brief Overview in Relation to the China COE	Osburn, Laura Ann [Los Alamos National Laboratory]; Glasco, Bethany Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/10/2016
1331300	Los Alamos Neutron Science Center	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/16/2016
1325661	Lifetime Extension Report: Progress on the SAVY-4000 Lifetime Extension Program	Weis, Eric [Los Alamos National Laboratory]; Welch, Cynthia F. [Los Alamos National Laboratory]; Smith, Paul Herrick [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	11/17/2016
1239928	Determination of an Ergonomically Sound Glovebox Glove Port Center Line	Christman, Marissa St John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/30/2016
1242894	(U) Design Considerations for Obtaining Deep Release in Reacted Epon 828	Fredenburg, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, John Michael [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2016
1244314	Delivering HPC Systems to 132 Dock	Kettering, Brett Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244315	Online Manufacturing Training. ToolingU Review (U)	Montano, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244382	Interfacing VSPC with finite element codes. Demonstration of irradiation growth simulation in a cladding tube	Patra, Anirban [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tome, Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244383	DOE and JAEA Field Trial of the Single Chip Shift Register (SCSR)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016

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1244320	LANL Hydrogen Processing Laboratory (HPL), Data acquisition and control system upgrade	Dogruel, David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hollis, William Kirk [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2016
1244322	Evaluation of the Likelihood for Thermal Runaway for Nitrate Salt Containers in Storage at Los Alamos National Laboratory	Heatwole, Eric Mann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gunderson, Jake Alfred [Los Alamos National Lab.	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244323	Mapping The Brightness Of The Ocean Bottoms	Milazzo, Damien Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244324	Capabilities and Validation Needs of the Monte Carlo Application ToolKit (MCATK)	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244325	Basic Statistics and Uncertainty Propagation	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244326	SPE-5 Ground-Motion Prediction at Far-Field Geophone and Accelerometer Array Sites and SPE-5 Moment and Corner-Frequency Prediction	Yang, Xiaoning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Patton, Howard John [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244313	Optical spectroscopy of the Weyl semimetal TaAs	Dai, Yaomin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Taylor, Antoinette Jane [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2016
1244327	LANL Environmental ALARA Program Status Report for CY 2015	Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mcnaughton, Michael [Los Alamos National Lab.	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244329	Physics Flash March 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244330	Engagement Activities on Safeguards & Security by Design (SSBD) for Used Fuel Extended Storage	Scherer, Carolyn P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244331	U/Pu Analysis with Gamma-Ray Spectroscopy	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244333	Spent fuel measurements. passive neutron albedo reactivity (PNAR) and photon signatures	Eigenbrodt, Julia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1248119	Astrophysics and Sub-Critical Physics at LANL	Medina, Brandon Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2016
1296627	Development of Techniques for Spent Fuel Assay "æ" Differential Dieaway Final Report	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Goodsell, Alison [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2016
1238574	System Impact Study of the Eastern Grid of Sumba Island, Indonesia: Steady-State and Dynamic System Modeling for the Integration of One and Two 850-kW Wind Turbine Generators	Oswal, R. [Innovation Wind Energy, Inc., Jacksonville, FL (United States)]; Jain, P. [Innovation Wind Energy, Inc., Jacksonville, FL	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2016
1245128	Battery Pack Life Estimation through Cell Degradation Data and Pack Thermal Modeling for BAS+ Li-Ion Batteries. Cooperative Research and Development Final Report, CRADA	Smith, Kandler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/21/2016
1237305	Hardware-in-the-Loop Testing of Utility-Scale Wind Turbine Generators	Schkoda, Ryan [Clemson Univ., SC (United States)]; Fox, Curtiss [Clemson Univ., SC (United States)]; Hadidi, Ramtin [Clemson Univ., SC (United States)];	TR	NREL	National Renewable Energy Lab. (NREL)	1/26/2016
1237304	Foothill Transit Battery Electric Bus Demonstration Results	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Prohaska, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NREL)	1/27/2016
1237835	Advanced Extended Plate and Beam Wall System in a Cold-Climate House	Mallay, Dave [Home Innovation Research Labs, Upper Marlboro, MD (United States)]; Wiehagen, Joseph [Home Innovation Research Labs, Upper	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1245123	BEopt-CA (Ex) -- A Tool for Optimal Integration of EE/DR/ES+PV in Existing California Homes. Cooperative Research and Development Final Report, CRADA Number CRD-	Christensen, Craig [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1245131	Biodiesel Performance with Modern Engines. Cooperative Research and Development Final Report, CRADA Number CRD-05-153	McCormick, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1239054	Distributed Generation Market Demand Model (dGen): Documentation	Sigrin, Benjamin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gleason, Michael [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239063	Federal Air Pollutant Emission Regulations and Preliminary Estimates of Potential-to-Emit from Biorefineries. Pathway #1: Dilute-Acid and Enzymatic Deconstruction of Biomass-to-	Zhang, Yimin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bhatt, Arpit [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239642	Impacts of Federal Tax Credit Extensions on Renewable Deployment and Power Sector Emissions	Mai, Trieu [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239768	Evaluation of Passive Vents in New Construction Multifamily Buildings	Maxwell, Sean [Steven Winter Associates, Inc., Norwalk, CT (United States)]; Berger, David [Steven Winter Associates, Inc., Norwalk, CT	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239769	Retrofitting Garden-Style Apartments in Brooklyn, New York	Nolen, Heather [Steven Winter Associates, Inc., Norwalk, CT (United States)]; Maxwell, Sean [Steven Winter Associates, Inc., Norwalk, CT	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239770	Using Retrofit Nail Base Panels to Expand the Market for Wall Upgrades	Del Bianco, M. [Home Innovation Research Lab., Upper Marlboro, MD (United States)]; Wiehagen, J. [Home Innovation Research Lab., Upper	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016



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1238573	JacketSE: An Offshore Wind Turbine Jacket Sizing Tool; Theory Manual and Sample Usage with Preliminary Validation	Damiani, Rick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/8/2016
1239239	Solar Energy Prospecting in Remote Alaska: An Economic Analysis of Solar Photovoltaics in the Last Frontier State	Schwabe, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/11/2016
1245119	Array Effects in Large Wind Farms. Cooperative Research and Development Final Report, CRADA Number CRD-09-343	Moriarty, Patrick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/23/2016
1240364	Performance Analysis of a Modular Small-Diameter Air Distribution System	Poerschke, Andrew [IBACOS, Inc., Pittsburgh, PA (United States)]; Rudd, Armin [ABT Systems, LLC, Annville, PA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241090	Workplace Charging. Charging Up University Campuses	Giles, Carrie [ICF International, Fairfax, VA (United States)]; Ryder, Carrie [ICF International, Fairfax, VA (United States)]; Lommele, Stephen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241096	Field Evaluation of Advances in Energy-Efficiency Practices for Manufactured Homes	Levy, E. [Advanced Residential Integrated Energy Solutions (ARIES) Collaboration, New York, NY (United States)]; Dentz, J. [Advanced Residential Energy Solutions (ARES) Collaboration, New York, NY (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241097	Wheeling and Banking Strategies for Optimal Renewable Energy Deployment. International Experiences	Heeter, Jenny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Vora, Ravi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241098	Determination of Hydroxyl Groups in Pyrolysis Bio-oils using 31P NMR: Laboratory Analytical Procedure (LAP)	Olarte, Mariefel V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Burton, Sarah D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241579	U.S. Department of Energy Regional Resource Centers Report: State of the Wind Industry in the Regions	Baranowski, Ruth [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Oteri, Frank [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1243372	Effects of Deployment Investment on the Growth of the Biofuels Industry. 2016 Update	Vimmerstedt, Laura J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Warner, Ethan S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1243373	Modular Zero Energy. BrightBuilt Home	Aldrich, Robb [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]. Steven Winters Associates, Inc.;	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1244668	Airside HVAC BESTEST. Adaptation of ASHRAE RP 865 Airside HVAC Equipment Modeling Test Cases for ASHRAE Standard 140. Volume 1, Cases AE101-AE445	Neymark, J. [J. Neymark & Associates, Golden, CO (United States)]; Kennedy, M. [Mike D. Kennedy, Inc., Townsend, WA (United States)]; Judkoff, R. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1244672	Measuring Turbulence from Moored Acoustic Doppler Velocimeters. A Manual to Quantifying Inflow at Tidal Energy Sites	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thomson, Jim [Univ. of Washington, Seattle, WA (United States)];	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1326329	Demand Response and Energy Storage Integration Study	Ma, Ookie [Dept. of Energy (DOE), Washington DC (United States)]. Office of Energy Efficiency and Renewable Energy; Cheung, Kerry [Dept. of Energy (DOE), Washington DC (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241091	Acid Number Determination of Pyrolysis Bio-oils using Potentiometric Titration: Laboratory Analytical Procedure (LAP)	Christensen, Earl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1241093	Quantification of Semi-Volatile Oxygenated Components of Pyrolysis Bio-Oil by Gas Chromatography/Mass Spectrometry (GC/MS). Laboratory Analytical Procedure (LAP)	Christensen, Earl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1241099	Determination of Carbonyls in Pyrolysis Bio-oils by Potentiometric Titration. Faix Method. Laboratory Analytical Procedure (LAP)	Black, Stuart [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1245118	Solar Technology Test, Evaluation, and Data Collection: Cooperative Research and Development Final Report, CRADA Number CRD-08-279	Albin, David S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/8/2016
1247126	Conversion of Indigenous Agricultural Waste Feedstocks to Fuel Ethanol. Cooperative Research and Development Final Report, CRADA Number CRD-13-504	Elander, Richard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/27/2016
1245122	Guide to Permitting Hydrogen Motor Fuel Dispensing Facilities	Rivkin, Carl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Buttner, William [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1245127	2013 Bioenergy Market Report	Schwab, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Moriarty, Kristi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1245133	Hydrogen Compressor Reliability Investigation and Improvement. Cooperative Research and Development Final Report, CRADA Number CRD-13-514	Terlip, Danny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1246780	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1246926	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1246958	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1248560	Performance and Reliability of Bonded Interfaces for High-Temperature Packaging. Annual Report	DeVoto, Douglas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016
1248569	Electric Motor Thermal Management R&D. Annual Report	Bennion, Kevin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016

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1248972	Can Wind Farms in Inner Mongolia Affect the Air Quality in Beijing?	Lundquist, Julie K. [Univ. of Colorado, Boulder, CO (United States); National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lee, Joseph C.	TR	NREL	National Renewable Energy Lab. (NRE	4/1/2016
1249272	Accelerating Clean Energy Commercialization. A Strategic Partnership Approach	Adams, Richard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Pless, Jacquelyn [Joint Institute for Strategic Energy	TR	NREL	National Renewable Energy Lab. (NRE	4/1/2016
1247124	Development of Kinetics and Mathematical Models for High-Pressure Gasification of Lignite-Switchgrass Blends: Cooperative Research and Development Final Report, CRADA	Isa, Kristiina [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	4/6/2016
1247643	Accelerating the Delivery of Home Performance Upgrades through a Synergistic Business Model	Schirber, Tom; Ojczyk, Cindy	TR	NREL	National Renewable Energy Lab. (NRE	4/11/2016
1248798	Wind Plant Preconstruction Energy Estimates. Current Practice and Opportunities	Clifton, Andrew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Smith, Aaron [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	4/19/2016
1250664	Business Metrics for High-Performance Homes: A Colorado Springs Case Study	Beach, R. [IBACOS, Inc, Pittsburgh, PA (United States)]; Jones, A. [IBACOS, Inc, Pittsburgh, PA (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	4/26/2016
1251591	Floating Offshore Wind in Oregon: Potential for Jobs and Economic Impacts from Two Future Scenarios	Jimenez, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253707	Policies to Enable Bioenergy Deployment: Key Considerations and Good Practices	Smolinski, Sharon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cox, Sadie [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253712	Capturing the Impact of Storage and Other Flexible Technologies on Electric System Planning	Hale, Elaine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Stoll, Brady [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253977	On the Path to SunShot. The Environmental and Public Health Benefits of Achieving High Solar Penetrations in the United States	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Mai, Trieu [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253978	On the Path to SunShot. Emerging Issues and Challenges in Integrating High Levels of Solar into the Electrical Generation and Transmission System	Denholm, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Clark, Kara [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253980	On the Path to SunShot. Emerging Issues and Challenges in Integrating Solar with the Distribution System	Palmintier, Bryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Broderick, Robert [Sandia National Lab. (SNL-NM),	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253982	On the Path to SunShot: Emerging Opportunities and Challenges in Financing Solar	Feldman, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bolinger, Mark [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253983	On the Path to SunShot. The Role of Advancements in Solar Photovoltaic Efficiency, Reliability, and Costs	Woodhouse, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jones-Albertus, Rebecca [U.S. Dept. of Energy,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253984	On the Path to SunShot. Emerging Opportunities and Challenges in U.S. Solar Manufacturing	Chung, Donald [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Horowitz, Kelsey [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1253987	On the Path to SunShot. Utility Regulatory and Business Model Reforms for Addressing the Financial Impacts of Distributed Solar on Utilities	Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Miller, John [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1254918	Expert Meeting Report: HVAC Fault Detection, Diagnosis, and Repair/Replacement	Springer, David [Alliance for Residential Building Innovation (ARBI), Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1254925	Heat Pump Water Heater Ducting Strategies with Encapsulated Attics in Climate Zones 2 and 4	Sweet, M. L. [Southface Energy Inst., Upper Marlboro, MD (United States)]; Francisco, A.; Roberts, S. G.	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1255200	NREL and DONG Energy Collaboration for Grid Simulator Controls and Testing: Cooperative Research and Development Final Report, CRADA Number CRD-13-527	Gevorgian, Vahan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1255201	Development and Demonstration of Grid Integration System for PEVs, ESS, and RE: Cooperative Research and Development Final Report, CRADA Number CRD-13-515	Markel, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1255202	Flexible CdTe Solar Cells and Modules: Cooperative Research and Development Final Report, CRADA Number CRD-14-548	Barnes, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1255203	Collaborative Research and Development by EpiSolar and NREL of Processes and Materials for Flexible CdS/CdTe Superstrate Devices: Cooperative Research and Development	Barnes, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1255431	Clean Restructuring: Design Elements for Low-Carbon Wholesale Markets and Beyond. A 21st Century Power Partnership Thought Leadership Report	Shah, Monisha [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Valenzuela, Jose Maria [World Wildlife Fund, Mexico DF	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1256863	On the Path to SunShot. Advancing Concentrating Solar Power Technology, Performance, and Dispatchability	Mehos, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Turchi, Craig [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1260138	Global Carbon Fiber Composites Supply Chain Competitiveness Analysis	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Warren, Josh [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	NREL	National Renewable Energy Lab. (NRE	5/1/2016
1256677	Procedures for Calculating Residential Dehumidification Loads	Winkler, Jon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Booten, Chuck [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1257326	Distributed Wind Resource Assessment: State of the Industry	Fields, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tinniesand, Heidi [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016

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1257330	Collaboration on OPT Design for Generating Electrical Power from Ocean Waves. Cooperative Research and Development Final Report, CRADA Number CRD-14-542	LiVecchi, Al [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1257674	Energy Systems Integration. Defining and Describing the Value Proposition	O'Malley, Mark [Univ. College of Dublin (Ireland)]; Kroposki, Benjamin [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259805	Power Generation for River and Tidal Generators	Muljadi, Eduard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wright, Alan [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259811	Mexico's Regulatory Engagement in Bulk Electric Power System Planning: An Overview of U.S. Practices and Tools	O'Neill, Barbara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hurlbut, David [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259950	Validation of a FAST Model of the SWAY Prototype Floating Wind Turbine	Koh, J. H. [Nanyang Technological Univ. (Singapore)]; Ng, E. Y. K. [Nanyang Technological Univ. (Singapore)]; Robertson, Amy [National	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259951	U.S. SOCOM Grand Challenge #3: NREL Technical Roadmap for a Man-Portable Power Supply System for TALOS	Ainsworth, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heaps, Colton [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260340	Deployment of Wind Turbines in the Built Environment: Risks, Lessons, and Recommended Practices	Fields, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Oteri, Frank [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260342	Automated Vehicle Policy and Regulation: A State Perspective Workshop: Summary	Young, Stanley E. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Levine, Aaron [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260343	Gearbox Reliability Collaborative Investigation of High-Speed-Shaft Bearing Loads	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Guo, Yi [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260344	Zero Emission Bay Area (ZEBA) Fuel Cell Bus Demonstration Results: Fifth Report	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Post, Matthew [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1262198	Impact of Market Behavior, Fleet Composition, and Ancillary Services on Revenue Sufficiency	Frew, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gallo, Giulia [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1262662	New York Solar Smart DG Hub-Resilient Solar Project: Economic and Resiliency Impact of PV and Storage on New York Critical Infrastructure	Anderson, Kate [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Burman, Kari [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1266702	On the Use of Coupled Wind, Wave, and Current Fields in the Simulation of Loads on Bottom-Supported Offshore Wind Turbines during Hurricanes: March 2012 - September 2015	Kim, Eungsoo [Univ. of Texas, Austin, TX (United States)]; Manuel, Lance [Univ. of Texas, Austin, TX (United States)]; Curcic, Milan [Univ. of Miami,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259255	IEA Wind Task 26: Offshore Wind Farm Baseline Documentation	Smart, Gavin [Offshore Renewable Energy Catapult, Blyth, Northumberland (United Kingdom)]; Smith, Aaron [National Renewable	TR	NREL	National Renewable Energy Lab. (NRE	6/2/2016
1263539	Virginia Solar Pathways Project: Economic Study of Utility-Administered Solar Programs: Soft Costs, Community Solar, and Tax Normalization Considerations	Reiter, Emerson [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lowder, Travis [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/23/2016
1262663	Designing Wind and Solar Power Purchase Agreements to Support Grid Integration	O'Neill, Barbara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Chernyakhovskiy, Ilya [National Renewable Energy	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1263901	A Review of the Environmental Impacts for Marine and Hydrokinetic Projects to Inform Regulatory Permitting: Summary Findings from the 2015 Workshop on Marine and	Baring-Gould, E. Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Christol, Corrie [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1263903	Grid Integration Studies: Advancing Clean Energy Planning and Deployment	Katz, Jessica [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Chernyakhovskiy, Ilya [National Renewable Energy	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1265055	Experimental Evaluation of PV Inverter Anti-Islanding with Grid Support Functions in Multi-Inverter Island Scenarios	Hoke, Anderson [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Nelson, Austin [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1271941	Fatigue Test Design: Scenarios for Biaxial Fatigue Testing of a 60-Meter Wind Turbine Blade	Post, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1273063	Annual Energy Savings and Thermal Comfort of Autonomously Heated and Cooled Office Chairs	Carmichael, Scott [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Booten, Chuck [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1278318	Review of Biojet Fuel Conversion Technologies	Wang, Wei-Cheng [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tao, Ling [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1279494	Floating Offshore Wind in Oregon: Potential for Jobs and Economic Impacts in Oregon Coastal Counties from Two Future Scenarios	Jimenez, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1279497	An Initial Evaluation of Siting Considerations on Current and Future Wind Deployment	Tegen, Suzanne [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lantz, Eric [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1285734	The Economic Potential of Two Nuclear-Renewable Hybrid Energy Systems	Ruth, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cutler, Dylan [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016
1295388	EnergyPlus and SEEM Modeling Enhancements via Software-to-Software Comparison Using NREL's BEopt Test Suite	Horowitz, Scott [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Maguire, Jeff [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016
1295389	Review of Artificial Abrasion Test Methods for PV Module Technology	Miller, David C. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Muller, Matt T. [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016

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1296610	Predictive Battery Management System for Commercial Hybrid Vehicles: Cooperative Research and Development Final Report, CRADA Number CRD-13-520	Smith, Kandler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1296612	Catalytic Conditioning and Conversion of Bio-Syngas: Cooperative Research and Development Final Report, CRADA Number CRD-10-418	Magrini, Kim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1313608	Analysis of a Single Year of Performance Data for Thin Film Modules Deployed at NREL and NISE	MacAlpine, Sara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Deceglie, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1313617	NREL-Prime Next-Generation Drivetrain Dynamometer Test Report	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Erdman, Bill [Cinch, Inc., Moraga, CA (United States)]; Blodgett, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1314863	Wind Turbine Drivetrain Reliability Collaborative Workshop: A Recap	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sheng, Shuangwen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1314864	Comparative Cooling Season Performance of Air Distribution Systems in Multistory Townhomes	Poerschke, Andrew [IBACOS Inc., Pittsburgh, PA (United States)]; Beach, Rob [IBACOS Inc., Pittsburgh, PA (United States)]; Beggs, Timothy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1318192	Eastern Renewable Generation Integration Study	Bloom, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Townsend, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1321487	Exploring the Potential Competitiveness of Utility-Scale Photovoltaics plus Batteries with Concentrating Solar Power, 2015-2030	Feldman, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1327208	Planning for a Distributed Disruption: Innovative Practices for Incorporating Distributed Solar into Utility Planning	Mills, Andrew D. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen L. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1324530	Torsional Vibration in the National Wind Technology Center's 2.5-Megawatt Dynamometer	Sethuraman, Latha [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/31/2016
1322906	Using the Spatial Distribution of Installers to Define Solar Photovoltaic Markets	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Nemet, Gregory F. [Univ. of Wisconsin, Madison, WI]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324387	Energy Savings Modeling and Inspection Guidelines for Commercial Building Federal Tax Deductions for Buildings in 2016 and Later	Deru, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Field-Macumber, Kristin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324394	Photovoltaic Shading Testbed for Module-Level Power Electronics: 2016 Performance Data Update	Deline, Chris [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Meydbray, Jenya [PV Evolution Labs (PVEL), Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324526	A Spatial-Economic Cost-Reduction Pathway Analysis for U.S. Offshore Wind Energy Development from 2015-2030	Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Musial, Walter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324531	Quantifying the Opportunity Space for Future Electricity Generation: An Application to Offshore Wind Energy in the United States	Marcy, Cara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324533	2016 Offshore Wind Energy Resource Assessment for the United States	Musial, Walt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heimiller, Donna [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324535	Terminology Guideline for Classifying Offshore Wind Energy Resources	Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Musial, Walt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1325932	Supervisory Control of Loads and Energy Storage in Next-Generation Zero Energy Buildings	Kung, Feitau [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Frank, Stephen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326561	Development of Optimal CZTS Device Structure: Cooperative Research and Development Final Report, CRADA Number CRD-12-476	van Hest, Maikel [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326564	Development of Electrodeposited CIGS Solar Cells: Cooperative Research and Development Final Report, CRADA Number CRD-09-357	Neale, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326717	Comparison of Standards and Technical Requirements of Grid-Connected Wind Power Plants in China and the United States	Gao, David Wenzhong [Alternative Power Innovations, LLC]; Muljadi, Eduard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326719	The Evolution of Power System Planning with High Levels of Variable Renewable Generation	Katz, Jessica [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Milligan, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326721	U.S. Laws and Regulations for Renewable Energy Grid Interconnections	Chernyakhovskiy, Ilya [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tian, Tian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326730	Carbon Fiber from Biomass	Milbrandt, Anelia [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]; Booth, Samuel [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326732	User Guide for the International Jobs and Economic Development Impacts Model	Keyser, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Flores-Espino, Francisco [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326887	High Performance Flat Plate Solar Thermal Collector Evaluation	Rockenbaugh, Caleb [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dean, Jesse [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016

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1326889	Passive Leak Detection Using Commercial Hydrogen Colorimetric Indicator	Hartmann, Kevin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Buttner, William [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326891	Transportation of Large Wind Components: A Permitting and Regulatory Review	Levine, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cook, Jeff [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326893	American Samoa: Energy Action Plan	Ness, J. Erik [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Haase, Scott [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326896	Expanding Midscale Solar: Examining the Economic Potential, Barriers, and Opportunities at Offices, Hotels, Warehouses, and Universities	Bird, Lori [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gagnon, Pieter [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
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1327848	Guia del Usuario para el Modelo Internacional de Impacto en Trabajos y Desarrollo Economico	Keyser, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Flores-Espino, Francisco [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
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1327850	Facility-Scale Solar Photovoltaic Guidebook: Bureau of Reclamation	Kiatreungwattana, Kosol [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; VanGeet, Otto [National Renewable Energy Lab.	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1327935	Energy Systems Integration Facility (ESIF): Facility Stewardship Plan, Revision 2.0	Anderson, Art [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hannegan, Bryan [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328358	Midmarket Solar Policies in the United States: A Guide for Midsized Solar Customers	Tian, Tian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Liu, Chang [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328360	Photovoltaic Calibrations at the National Renewable Energy Laboratory and Uncertainty Analysis Following the ISO 17025 Guidelines	Emery, Keith [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328995	Gearbox Reliability Collaborative Phase 3 Gearbox 3 Test Plan	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wallen, Robb [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329171	Methodology to Assess No Touch Audit Software Using Simulated Building Utility Data	Cheung, Howard [Purdue Univ., West Lafayette, IN (United States)]; Braun, James E. [Purdue Univ., West Lafayette, IN (United States)]; Langner, M.	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329462	Status and Trends in the U.S. Voluntary Green Power Market (2015 Data)	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Liu, Chang [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329987	Estimating the National Carbon Abatement Potential of City Policies: A Data-Driven Approach	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heeter, Jenny [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330496	Methodology to Assess No Touch Audit Software Using Field Data	Cai, Jie [Purdue Univ., West Lafayette, IN (United States)]; Braun, James E. [Purdue Univ., West Lafayette, IN (United States)]; Langner, M. Rois	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330617	Marine Hydrokinetic Energy Site Identification and Ranking Methodology Part I: Wave Energy	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thresher, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330619	Marine Hydrokinetic Energy Site Identification and Ranking Methodology Part II: Tidal Energy	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thresher, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
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1330944	Reliability Evaluation of Next Generation Inverter: Cooperative Research and Development Final Report, CRADA Number CRD-12-478	Paret, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330948	University of Colorado - Center for Research and Education in Wind (CREW): Cooperative Research and Development Final Report, CRADA Number CRD-11-446	Sprague, Michael A. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330992	Use of Cultivation Data from the Algae Testbed Public Private Partnership as Utilized in NREL's Algae State of Technology Assessments	Knoshaug, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Laurens, Lieve [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330993	Aerodynamic Drag Reduction Technologies Testing of Heavy-Duty Vocational Vehicles and a Dry Van Trailer	Ragatz, Adam [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thornton, Matthew [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1331479	Feeder Voltage Regulation with High-Penetration PV Using Advanced Inverters and a Distribution Management System: A Duke Energy Case Study	Palmintier, Bryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Giraldez, Julieta [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1332179	Navajo Generating Station and Federal Resource Planning; Volume 1: Sectoral, Technical, and Economic Trends	Hurlbut, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Haase, Scott [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016

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1332908	Quality Assurance Framework for Mini-Grids	Baring-Gould, Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Burman, Kari [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1332909	Regional Energy Deployment System (ReEDS) Model Documentation: Version 2016	Eurek, Kelly [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333054	Technical Feasibility Study for Zero Energy K-12 Schools	Bonnema, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Goldwasser, David [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333280	Chapter 23: Combined Heat and Power	Simons, George [Itron, Davis, CA (United States)]; Barsun, Stephan [Itron, Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333625	Assessing the Future of Distributed Wind: Opportunities for Behind-the-Meter Projects	Lantz, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sigrin, Benjamin [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1321486	Evaluation of the Impact of Slab Foundation Heat Transfer on Heating and Cooling in Florida	Parker, D. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Kono, J. [Building America	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); Building America Partnership for	9/1/2016
1318194	Power Converter Control Algorithm Design and Simulation for the NREL Next-Generation Drivetrain: July 8, 2013 - January 7, 2016	Blodgett, Douglas [DNV KEMA Renewables, Inc., San Ramon, CA (United States)]; Behnke, Michael [DNV KEMA Renewables, Inc., San Ramon, CA	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); DNV KEMA Renewables, Inc., San	8/1/2016
1312474	2015 Wind Technologies Market Report	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Bolinger, Mark [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); Lawrence Berkeley National Lab.	8/1/2016
1244675	NorthernSTAR 1-1/2-Story Demonstration House of Cold Climate Solutions for Affordable Housing	Schirber, T. [Univ. of Minnesota, St. Paul, MN (United States). NorthernSTAR Building America Partnership]; Ojczyk, C. [Univ. of Minnesota, St.	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245364	Multifamily Housing Rehabilitation Process Improvements	Sweet, Marshall L. [Partnership for Home Innovation, Upper Marlboro, MD (United States)]; Francisco, Abby [Partnership for Home Innovation,	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245542	Renewable Energy Deployment in Colorado and the West: A Modeling Sensitivity and GIS Analysis	Barrows, Clayton [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Mai, Trieu [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245544	Modeling Enclosure Design in Above-Grade Walls	Lstiburek, J. [Building Science Corporation, Westford, MA (United States)]; Ueno, K. [Building Science Corporation, Westford, MA (United	TR	NREL	National Renewable Energy Laborator	3/1/2016
1244205	Energy Efficiency, Water Efficiency, and Renewable Energy Site Assessment: Seneca Rocks Discovery Center, Seneca Rocks, West Virginia	Kiatreungwattana, Kosol [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Salasovich, James [National Renewable Energy	TR	NREL	National Renewable Energy Laborator	3/22/2016
1244312	Chemicals from Biomass: A Market Assessment of Bioproducts with Near-Term Potential	Biddy, Mary J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Scarlata, Christopher [National Renewable Energy Lab.	TR	NREL	National Renewable Energy Laborator	3/23/2016
1247645	Emissions Associated with Electric Vehicle Charging: Impact of Electricity Generation Mix, Charging Infrastructure Availability, and Vehicle Type	McLaren, Joyce [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Miller, John [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/11/2016
1247954	Turnkey Heating, Ventilating, and Air Conditioning and Lighting Retrofit Solution Combining Energy Efficiency and Demand Response Benefits	Doebber, Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Deru, Michael [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/12/2016
1248080	Wind Energy Industry Eagle Detection and Deterrents: Research Gaps and Solutions Workshop Summary Report	Sinclair, Karin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; DeGeorge, Elise [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Laborator	4/13/2016
1248081	Framework for Testing the Effectiveness of Bat and Eagle Impact-Reduction Strategies at Wind Energy Projects	Sinclair, Karin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; DeGeorge, Elise [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Laborator	4/13/2016
1248563	Floating Offshore Wind in California: Gross Potential for Jobs and Economic Impacts from Two Future Scenarios	Speer, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/18/2016
1248076	Comparing Photovoltaic (PV) Costs and Deployment Drivers in the Japanese and U.S. Residential and Commercial Markets	Friedman, B. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, R. [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/19/2016
1263541	Combined Space and Water Heating: Next Steps to Improved Performance	Schoenbauer, B. [NorthernSTAR Building America Partnership, Minneapolis, MN (United States)]; Bohac, D. [NorthernSTAR Building America	TR	NREL	NorthernSTAR Building America Partn	7/13/2016
1235905	High-Penetration PV Integration Handbook for Distribution Engineers	Seguin, Rich [Electrical Distribution Design, Blacksburg, VA (United States)]; Woyak, Jeremy [Electrical Distribution Design, Blacksburg, VA	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236031	Doubling Geothermal Generation Capacity by 2020. A Strategic Analysis	Wall, Anna [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Young, Katherine [National Renewable Energy Lab.	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236032	Analysis of Modeling Assumptions used in Production Cost Models for Renewable Integration Studies	Stoll, Brady [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Brinkman, Gregory [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236153	Rooftop Solar Photovoltaic Technical Potential in the United States. A Detailed Assessment	Gagnon, Pieter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236470	Greening the Grid Special Topic: Facilitating the Integration of Renewable Energy through Balancing Cooperation	Cochran, Jaquelin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016

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1236677	Feed-in Tariffs: Good Practices and Design Considerations	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Esterly, Sean [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	1/2/2016
1235236	Analysis of Application Power and Schedule Composition in a High Performance Computing Environment	Elmore, Ryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gruchalla, Kenny [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/5/2016
1235419	Retrospective Analysis of the Benefits and Impacts of U.S. Renewable Portfolio Standards	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	NREL (National Renewable Energy Lab	1/6/2016
1235420	Retrospective Analysis of the Benefits and Impacts of U.S. Renewable Portfolio Standards	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	NREL (National Renewable Energy Lab	1/6/2016
1235546	Compact Buried Ducts in a Hot-Humid Climate House	Mallay, Dave [Home Innovation Research Labs, Upper Marlboro, MD (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/7/2016
1235548	Low Carbon Grid Study: Analysis of a 50% Emission Reduction in California	Brinkman, Gregory [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jorgenson, Jennie [National Renewable Energy	TR	NREL	NREL (National Renewable Energy Lab	1/7/2016
1236761	Advanced Grid-Friendly Controls Demonstration Project for Utility-Scale PV Power Plants	Gevorgian, Vahan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; O'Neill, Barbara [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/21/2016
1236766	Energy Efficiency, Water Efficiency, and Renewable Energy Site Assessment: Mendenhall Glacier Visitor Center, Juneau, Alaska	Salasovich, James [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; LoVullo, David [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/21/2016
1236954	Comfort in High-Performance Homes in a Hot-Humid Climate	Poerschke, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beach, R. [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/22/2016
1236956	2015 Survey of Non-Starch Ethanol and Renewable Hydrocarbon Biofuels Producers	Schwab, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Warner, Ethan [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/22/2016
1237833	Comprehensive Benchmark Suite for Simulation of Particle Laden Flows Using the Discrete Element Method with Performance Profiles from the Multiphase Flow with Interface	Liu, Peiyuan [Univ. of Colorado, Boulder, CO (United States)]; Brown, Timothy [Univ. of Colorado, Boulder, CO (United States)]; Fullmer,	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1239539	Final Technical Report: Integrated Distribution-Transmission Analysis for Very High Penetration Solar PV	Palmintier, Bryan [NREL (National Renewable Energy Laboratory (NREL), Golden, CO (United States))]; Hale, Elaine [NREL (National Renewable	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1239885	Quantifying the Financial Benefits of Multifamily Retrofits	Philbrick, D. [The Partnership for Advanced Residential Retrofit, Chicago, IL (United States)]; Scheu, R. [The Partnership for Advanced	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1238321	Consumer Views on Plug-in Electric Vehicles -- National Benchmark Report	Singer, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/31/2016
1238109	Phased Retrofits in Existing Homes in Florida Phase II: Shallow Plus Retrofits	Sutherland, K. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Parker, D. [Building America	TR	NREL	NREL (National Renewable Energy Lab	2/3/2016
1238241	Brookfield Homes Passive House Performance Evaluation	Herk, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Poerschke, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beach, R. [IBACOS, Inc.,	TR	NREL	NREL (National Renewable Energy Lab	2/4/2016
1238242	Phased Retrofits in Existing Homes In Florida Phase I: Shallow and Deep Retrofits	Parker, D. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Sutherland, K. [Building America	TR	NREL	NREL (National Renewable Energy Lab	2/4/2016
1238324	Measure Guideline: Passive Vents	Berger, David [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Neri, Robin [Consortium for Advanced Residential	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238325	Field Performance of Heat Pump Water Heaters in the Northeast	Shapiro, Carl [Consortium for Advanced Residential Buildings, Norfolk, CT (United States)]; Puttagunta, Srikanth [Consortium for Advanced	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238326	Zero Energy Ready Home Multifamily Case Study Analysis	Dentz, Jordan [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Alaiigh, Kunal [Advanced	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238328	Field Testing of an Unvented Roof with Fibrous Insulation, Tiles and Vapor Diffusion Venting	Ueno, K. [Building Science Corporation, Westford, MA (United States)]; Lstiburek, J. W. [Building Science Corporation, Westford, MA (United	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238349	Community-Wide Zero Energy Ready Home Standard	Herk, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beggs, T. [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1239242	Capacity Payments in Restructured Markets under Low and High Penetration Levels of Renewable Energy	Jenkin, Thomas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	2/11/2016
1239243	High Octane Fuel: Terminal Backgrounder	Moriarty, Kristi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/11/2016
1239541	Considering the Role of Natural Gas in the Deep Decarbonization of the U.S. Electricity Sector. Natural Gas and the Evolving U.S. Power Sector Monograph Series: Number 2	Cole, Wesley [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beppler, Ross [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	2/12/2016
1239884	ERCOT-FESTIV Modeling: Cooperative Research and Development Final Report, CRADA Number CRD-15-584	Krad, Ibrahim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/17/2016

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1239886	Development of an Ultra-Low-Cost Solar Water Heater: Cooperative Research and Development Final Report, CRADA Number CRD-12-487	Merrigan, Tim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1239890	Indirect Solar Water Heating in Single-Family, Zero Energy Ready Homes	Aldrich, Robb [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1239893	Process Design and Economics for the Production of Algal Biomass: Algal Biomass Production in Open Pond Systems and Processing Through Dewatering for Downstream Conversion	Davis, Ryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Markham, Jennifer [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1239974	Risk Assessment of Heating, Ventilating, and Air-Conditioning Strategies in Low-Load Homes	Poerschke, Andrew [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1240079	Portfolio-Scale Optimization of Customer Energy Efficiency Incentive and Marketing: Cooperative Research and Development Final Report, CRADA Number CRD-13-535	Brackney, Larry J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1240080	Performance and Costs of Ductless Heat Pumps in Marine-Climate High-Performance Homes -- Habitat for Humanity The Woods	Lubliner, Michael [Building America Partnership for Improved Residential Construction, Olympia, WA (United States). Washington States Univ.]	TR	NREL	NREL (National Renewable Energy Lab.)	2/18/2016
1240083	Public Housing: A Tailored Approach to Energy Retrofits	Dentz, J. [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Conlin, F. [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/18/2016
1238537	Building Energy Codes: Policy Overview and Good Practices	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239538	Vulnerability Assessment and Resiliency Planning: The National Renewable Energy Laboratory's Process and Best Practices; May 23, 2014 - June 5, 2015	Vogel, J. [Abt Environmental Research, Boulder, CO (United States)]; Renfrow, S. [Abt Environmental Research, Boulder, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239543	Economic Assessment of Hydrogen Technologies Participating in California Electricity Markets	Eichman, Joshua [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Townsend, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239887	Financial Incentives to Enable Clean Energy Deployment: Policy Overview and Good Practices	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/24/2016
1239889	Strategy Guideline: Modeling Enclosure Design in Above-Grade Walls	Lstiburek, J. [Building Science Corporation, Westford, MA (United States)]; Ueno, K. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/24/2016
1240772	Radiometer Calibration and Characterization (RCC) User's Manual: Windows Version 4.0	Andreas, Afshin M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wilcox, Stephen M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/29/2016
1240582	Advancing Replicable Solutions for High-Performance Homes in the Southeast	Roberts, S. G. [Southface Energy Inst., Upper Marlboro, MD (United States)]; Sweet, M. L. [Southface Energy Inst., Upper Marlboro, MD (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/1/2016
1243299	Columbia County Habitat for Humanity Passive Townhomes	Dentz, Jordan [The Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Alaigh, Kunal [The Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/18/2016
1243302	Gearbox Reliability Collaborative Investigation of Gearbox Motion and High-Speed-Shaft Loads	Keller, Jon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Guo, Yi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/18/2016
1243300	Commercial Refrigeration: Heat Transfer Optimization and Energy Reduction, Measurement and Verification of a Liquid Refrigerant Pump System Retrofit	Gaul, Chris [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sheppy, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/22/2016
1247459	Automotive Lithium-ion Cell Manufacturing: Regional Cost Structures and Supply Chain Considerations	Chung, Donald [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]; Elgqvist, Emma [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247460	Role of Solar Water Heating in Multifamily Zero Energy Homes	Aldrich, Robb [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Williamson, James [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247461	Thermal Performance Benchmarking: Annual Report	Moreno, Gilbert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247462	Final Report on the Creation of the Wind Integration National Dataset (WIND) Toolkit and API: October 1, 2013 - September 30, 2015	Hodge, Bri-Mathias [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247463	Power Electronics Thermal Management R&D: Annual Report	Moreno, Gilbert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1255206	IEA Task 32: Wind Lidar Systems for Wind Energy Deployment (LIDAR)	Kuhn, Martin; Trabucchi, Davide; Clifton, Andrew; Courtney, Mike; Rettenmeier, Andreas	TR	NREL	NREL (National Renewable Energy Lab.)	5/9/2016
1293807	Increasing EDV Range through Intelligent Cabin Air Handling Strategies: Annual Progress Report	Leighton, Daniel [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Rugh, John [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1293811	High-Temperature Air-Cooled Power Electronics Thermal Design: Annual Progress Report	Waye, Scot [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1298934	Energy Storage Requirements for Achieving 50% Solar Photovoltaic Energy Penetration in California	Denholm, Paul; Margolis, Robert	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1334242	Estimated Bounds and Important Factors for Fuel Use and Consumer Costs of Connected and Automated Vehicles	Stephens, T.S.; Gonder, Jeff; Chen, Yuche; Lin, Z.; Liu, C.; Gohlke, D.	TR	NREL	NREL (National Renewable Energy Lab.)	11/1/2016



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1334396	University of Washington/ Northwest National Marine Renewable Energy Center Tidal Current Technology Test Protocol, Instrumentation, Design Code, and Oceanographic	Driscoll, Frederick R.	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334399	Mitigating Interconnection Challenges of the High Penetration Utility-Interconnected Photovoltaic (PV) in the Electrical Distribution Systems: Cooperative Research and Development	Chakraborty, Sudipta	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334401	Residential PV-Energy Storage Testing Collaboration with SunPower: Cooperative Research and Development Final Report, CRADA Number CRD-14-569	Lundstrom, Blake	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334402	Fuel Cell Buses in U.S. Transit Fleets: Current Status 2016	Eudy, Leslie; Post, Matthew; Jeffers, Matthew	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334592	Effect of Ducted HPWH on Space-Conditioning and Water Heating Energy Use -- Central Florida Lab Home	Colon, Carlos; Martin, Eric; Parker, Danny	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334594	Laboratory Evaluation of Energy Recovery Ventilators	Kosar, D.	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1257899	On Line Enrichment Monitor (OLEM) UF<sub>6</sub> Tests for 1.5" Sch40 SS Pipe, Revision 1	March-Leuba, JosÃ© A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Garner, Jim [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	1/1/2016
1253251	Market Assessment for Residential Refrigerator-Freezer with Novel Rotating Heat Exchanger	Sikes, Karen [CSRA International, Inc., Fairfax, VA (United States)]; Blackburn, Julia [CSRA International, Inc., Fairfax, VA (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	2/1/2016
1263855	Summary Report of Advanced Hydropower Innovations and Cost Reduction Workshop at Arlington, VA, November 5 & 6, 2015	O'Connor, Patrick [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rugani, Kelsey [Kearns & West, Inc., San Francisco, CA (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1311240	Technical Basis for Electromagnetic Compatibility Regulatory Guidance Update	Ewing, Paul D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Korsah, Kofi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1325448	ATF Neutron Irradiation Program Technical Plan	Geringer, J. W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Katoh, Yutai [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1255676	Mercury Remediation Technology Development for Lower East Fork Poplar Creek - FY 2015 Progress Report	Peterson, Mark J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]; Brooks, Scott C. [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1255689	2015 Vehicle Technologies Market Report	Davis, Stacy C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Williams, Susan E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1263857	A Qualitative Assessment of Current CCF Guidance Based on a Review of Safety System Digital Implementation Changes with Evolving Technology	Korsah, Kofi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1279406	Technical Basis for Evaluating Software-Related Common-Cause Failures	Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wood, Richard [Univ. of Tennessee, Knoxville, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1325428	Sensitivity Data File Formats	Rearden, Bradley T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1328293	Embedded I&C for Extreme Environments	Kisner, Roger A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1324117	Dakota Uncertainty Quantification Methods Applied to the CFD code Nek5000	Delchini, Marc-Olivier [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Popov, Emilian L. [Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/29/2016
1255697	Status of Chronic Oxidation Studies of Graphite	Contescu, Cristian I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Mee, Robert W. [Univ. of Tennessee, Knoxville, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1257909	High-Temperature Salt Pump Review and Guidelines - Phase I Report	Robb, Kevin R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jain, Prashant K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1259428	Input Correlations for Irradiation Creep of FeCrAl and SiC Based on In-Pile Halden Test Results	Terrani, K. A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Karlens, T. M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1259430	Vehicle Technologies Fact of the Week 2015	Davis, Stacy C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Diegel, Susan W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1257903	Evaluation of Lower East Fork Poplar Creek Mercury Sources	Watson, David B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Brooks, Scott C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/1/2016
1259433	Survey of Thermal-Fluids Evaluation and Confirmatory Experimental Validation Requirements of Accident Tolerant Cladding Concepts with Focus on Boiling Heat Transfer	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wyszocki, Aaron J. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/1/2016
1257911	Optimized Gen-II FeCrAl cladding production in large quantity for campaign testing	Yamamoto, Yukinori [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Sun, Zhiqian [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/3/2016
1286988	The Analysis of the General Performance and Mechanical Behavior of Unirradiated FeCrAl Alloys Before and After Welding	Gusseu, Maxim N. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/3/2016
1302927	Carbon Nanotube Chopped Fiber for Enhanced Properties in Additive Manufacturing	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Johnson, Joseph	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/6/2016

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1302926	Collaboration for the Advancement of Indirect 3D Printing Technology	Cordero, Zachary [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Energy and Transportation Science Division]; Elliott, Amy M.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/14/2016
1287032	Status Report on Irradiation Capsules Designed to Evaluate FeCrAl-UO <sub>2</sub> Interactions	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Howard, Richard H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/24/2016
1325470	Effect of Selected Modeling Assumptions on Subsurface Radionuclide Transport Projections for the Potential Environmental Management Disposal Facility at Oak Ridge,	Painter, Scott L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/28/2016
1257905	Parallel Execution of Functional Mock-up Units in Buildings Modeling	Ozmen, Ozgur [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nutaro, James J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016
1279440	Computational thermodynamics aided design of novel ferritic alloys	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chen, Tianyi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016
1265841	The EPSA Project Finance Mapping Tool	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chinthavali, Supriya [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1279444	Innovative signal processing for Johnson Noise thermometry	Ezell, N. Dianne Bull [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Britton, Jr, Charles L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1325475	Fabrication and Characterization of Surrogate TRISO Particles Using 800µm ZrO <sub>2</sub> Cores	Jolly, Brian C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Helmreich, Grant [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1311233	Supply Chain-Based Solution to Prevent Fuel Tax Evasion: Final Report	Capps, Gary J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Engineering and Transportation Sciences Division]; Franzese, Oscar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/28/2016
1302930	Characteristics and Travel Patterns of New York Residents: Subpopulations of Persons with a Disability in 2009	Hwang, Ho-Ling [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Reuscher, Tim [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1324197	Steam Oxidation Testing in the Severe Accident Test Station	Pint, Bruce A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; McMurray, Jake W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1325477	FY 2016 Status Report: CIRFT Testing on Spent Nuclear Fuels and Hydride Reorientation Study	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/4/2016
1302933	FY16 Progress Report on Test Results In Support Of Integrated EPP and SMT Design Methods Development	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I. [RI Jetter Consulting, Pebble Beach, CA (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/8/2016
1328319	BISON Fuel Performance Analysis of FeCrAl cladding with updated properties	Sweet, Ryan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; George, Nathan M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/30/2016
1325482	Capture of Tritium Released from Cladding in the Zirconium Recycle Process	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Walker, T. B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328309	Status Report on Scoping Reactor Physics and Sensitivity/Uncertainty Analysis of LR-0 Reactor Molten Salt Experiments	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Mueller, Donald E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328328	Capture of Tritium Released from Cladding in the Zirconium Recycle Process	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Walker, T. B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328327	Preliminary Mark-18A (Mk-18A) Target Material Recovery Program Product Acceptance Criteria	Robinson, Sharon M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Patton, Bradley D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/1/2016
1328329	Progress Update on Iterative Reconstruction of Neutron Tomographic Images	Hausladen, Paul [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gregor, Jens [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/15/2016
1328315	Submission of FeCrAl Feedstock for Support of AFC ATR-2 Irradiations	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Barrett, Kristine E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/16/2016
1328333	M3MS-16OR0401086 â€” Report on NEAMS Workbench Support for MOOSE Applications	Lefebvre, Robert A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Langley, Brandon R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/23/2016
1328318	Development of Computational Tools for Predicting Thermal- and Radiation-Induced Solute Segregation at Grain Boundaries in Fe-based Alloys	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1328321	Oak Ridge National Laboratory Office of International Nuclear Safeguards: Human Capital Development Activity in FY16	Gilligan, Kimberly V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Nuclear Security and Isotope Technology Division]; Gaudet, Robert [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1328332	Organic Iodine Adsorption by AgZ under Prototypical Vessel Off-Gas Conditions	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1333666	Assessment of SFR Wire Wrap Simulation Uncertainties	Delchini, Marc-Olivier G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Popov, Emilian L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1329135	Networked Microgrids Scoping Study	Starke, Michael R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016
1329154	Development and Implications of a Predictive Cost Methodology for Modular Pumped Storage Hydropower (m-PSH) Projects in the United States	Witt, Adam [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chalise, Dol Raj [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016

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1329155	Preliminary Feasibility Study of a Hybrid Solar and Modular Pumped Storage Hydro System at Biosphere 2	Lansley, Kevin [Univ. of Arizona, Tucson, AZ (United States)]; Hortsman, Chris [Univ. of Arizona, Tucson, AZ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016
1333667	FY2017 Pilot Project Plan for the Nuclear Energy Knowledge and Validation Center Initiative	Ren, Weijiu [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/30/2016
1286981	EnergyPlus Air Source Integrated Heat Pump Model	Shen, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Energy and Transportation Science Division]; Adams, Mark B.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/30/2016
1311267	High Efficiency, Low Emission Refrigeration System	Fricke, Brian A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Building Technologies Research and Integration Center];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1241474	Annual Report - Compatibility of ZDDP and ionic liquid anti-wear additives with hard coatings for engine lubrications	Qu, Jun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Zhou, Yan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2016
1325452	Subgroup Benchmark Calculations for the Intra-Pellet Nonuniform Temperature Cases	Kim, Kang Seog [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jung, Yeon Sang [Seoul National Univ. (Korea, Republic of)]; Liu,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1328311	VERA 3.5 Installation Guide	Bartlett, Roscoe A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Baird, Mark L. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/16/2016
1325480	MOC Efficiency Improvements Using a Jacobi Inscatter Approximation	Stimpson, Shane [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Collins, Benjamin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328310	MPACT Subgroup Self-Shielding Efficiency Improvements	Stimpson, Shane [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Liu, Yuxuan [Univ. of Michigan, Ann Arbor, MI (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1257900	Summary of OEM Idling Recommendations from Vehicle Owner's Manuals	Keel-Blackmon, Kristy [East Tennessee Clean Fuels Coalition (ETCleanFuels), Knoxville, TN (United States)]; Curran, Scott [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2016
1319204	Status of FeCrAl ODS Irradiations in the High Flux Isotope Reactor	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Fuel Cycle Research and Development (FCRD)]; Howard, Richard H.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/19/2016
1325434	Modeling and Depletion Simulations for a High Flux Isotope Reactor Cycle with a Representative Experiment Loading	Chandler, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Betzler, Ben [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/1/2016
1328331	Status of Post Irradiation Examination of FCAB and FCAT Irradiation Capsules	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Fuel Cycle Research and Development (FCRD)]; Yamamoto, Yukinori	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/29/2016
1328330	Preliminary Analysis of the General Performance and Mechanical Behavior of Irradiated FeCrAl Base Alloys and Weldments	Gussev, Maxim N. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1257906	Investigation of Thermo-Magnetic Processing in Application to Heavy Duty Truck Suspension Components	Makiewicz, Kurt [Hendrickson ATG, Woodridge, IL (United States)]; Yurek, Theodore [Hendrickson ATG, Woodridge, IL (United States)]; Farrell, Brian	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/19/2016
1257907	Feasibility and Scaling of Composite Based Additive Manufacturing	Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chen, Xun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/27/2016
1325459	Workshop Report on Additive Manufacturing for Large-Scale Metal Components - Development and Deployment of Metal Big-Area-Additive-Manufacturing (Large-Scale Metals AM)	Babu, Sudarsanam Suresh [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Manufacturing Demonstration Facility]; Love,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2016
1255698	Enhanced Energy Density in Permanent Magnets using Controlled High Magnetic Field during Processing	Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Carter, Bill [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/5/2016
1257908	Advanced Infusion Techniques with 3-D Printed Tooling	Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Elliott, Amy [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/10/2016
1267066	Low-Cost Nanocellulose-Reinforced High-Temperature Polymer Composites for Additive Manufacturing	Ozcan, Soydan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Tekinalp, Halil L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/13/2016
1311262	Development of a Preventive Maintenance Program for Tooling Used in Powder Slush Molding	Lara-Curzio, Edgar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/19/2016
1311265	Additive Manufacturing of Near-net Shaped Permanent Magnets	Paranthaman, M. Parans [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Chemical Sciences Division]; Sridharan, Niyanth [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/26/2016
1311268	Investigation of the Deposition and Densification Parameters on the Mechanical Properties of Pressurized Spray Deposited (PSD) 3-D Printed Ceramic Components	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Becker,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/28/2016
1263875	Oak Ridge National Laboratory Wireless Charging of Electric Vehicles - CRADA Report	Onar, Omer C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Power Electronics and Electric Machinery Group (PEEM). Electrical	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/20/2016
1324094	High Performance Computing Facility Operational Assessment 2015: Oak Ridge Leadership Computing Facility	Barker, Ashley D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Oak Ridge Leadership Computing Facility]; Bernholdt, David	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2016
1302888	Lustre Distributed Name Space (DNE) Evaluation at the Oak Ridge Leadership Computing Facility (OLCF)	Simmons, James S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Center for Computational Sciences]; Leverman, Dustin B.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/22/2016
1333645	Is the Multigrid Method Fault Tolerant? The Two-Grid Case	Ainsworth, Mark [Brown Univ., Providence, RI (United States). Division of Applied Mathematics; Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016

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1328312	Impact of Burst Buffer Architectures on Application Portability	Harms, Kevin [Argonne National Lab. (ANL), Argonne, IL (United States)]; Oral, H. Sarp [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Oak Ridge Leadership Computing Facility	9/30/2016
1261346	SUBGR: A Program to Generate Subgroup Data for the Subgroup Resonance Self-Shielding Calculation	Kim, Kang Seog [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/6/2016
1286966	Summary of High-Octane Mid-Level Ethanol Blends Study	Theiss, Timothy J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Alleman, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1324172	Informing a Tidal Turbine Strike Probability Model through Characterization of Fish Behavioral Response using Multibeam Sonar Output	Bevelhimer, Mark S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]; Colby, Jonathan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States); Verdant Power, Inc., New York, NY	7/31/2016
1234357	Autocorrelation Function Statistics and Implication to Decay Ratio Estimation	March-Leuba, Jose A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1234987	A Fish-eye View of Riverine Hydropower Systems: Understanding the Biological Response to Turbine Passage	Pracheil, Brenda M [ORNL]; DeRolph, Christopher R [ORNL]; Schramm, Michael P [ORNL]; Bevelhimer, Mark S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1236598	Spark Plasma Sintering of Ultracapacitors	Hill, Curtis W. [CK Technologies, Camarillo, CA (United States)]; Boatner, Lynn A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1237155	Preliminary Report on Oak Ridge National Laboratory Testing of Drake/ACSS/MAZ/E3X	Irrminger, Philip [ORNL]; Davis, Cody [General Cable Corporation]; Temple, Bill [General Cable Corporation]; Baker, Gord [General Cable Corporation]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238020	Preparation of Simulated LBL Defects for Round Robin Experiment	Baldwin, Charles A [ORNL]; Hunn, John D [ORNL]; Montgomery, Fred C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238023	Rapid Evaluation of Particle Properties using Inverse SEM Simulations	Bekar, Kursat B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238751	Corrosion Assessment of Candidate Materials for the SHINE Subcritical Assembly Vessel and Components FY15 Report	Pawel, Steven J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1240565	Stream Classification Tool User Manual: For Use in Applications in Hydropower-Related Environmental Mitigation	McManamay, Ryan A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Troia, Matthew J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1256824	Virtual interconnection platform initiative scoping study	Liu, Yong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Kou, Gefei [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238017	Electric Grid Expansion Planning with High Levels of Variable Generation	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; You, Shutang [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1245360	Performance Criteria for Capture and/or Immobilization Technologies - Milestone Report	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1245361	Fluoride Salt-Cooled High-Temperature Demonstration Reactor Point Design	Qualls, A. L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1242675	Preliminary test results in support of integrated EPP and SMT design methods development	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/9/2016
1238747	Needs and Requirements for Future Research Reactors (ORNL Perspectives)	Ilas, Germina [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bryan, Chris [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/10/2016
1248788	Status Report on NEAMS PROTEUS/ORIGEN Integration	Wieselquist, William A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/18/2016
1254093	Tritium Separation from High Volume Dilute Aqueous Streams- Milestone Report for M3FT-15OR0302092	Bhave, Ramesh R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/29/2016
1244202	Thermodynamic and Kinetic Modeling on Thermal Segregation of Phosphorus in Iron	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2016
1254092	Clean Energy Manufacturing Analysis Center. 2015 Research Highlights -- Carbon Fiber	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2016
1247952	Development of a Long-Life-Cycle, Highly Water-Resistant Solar Reflective Retrofit Roof Coating	Polyzos, Georgios [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hunter, Scott [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/4/2016
1247939	ORIGAMI Automator Primer. Automated ORIGEN Source Terms and Spent Fuel Storage Pool Analysis	Wieselquist, William A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Thompson, Adam B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1247949	Uncertainty Quantification for Nuclear Safeguards and Non-Destructive Assay - Fact Sheet	Croft, Stephen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nicholson, Andrew D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1248786	Comparison of electron beam and laser beam powder bed fusion additive manufacturing process for high temperature turbine component materials	Dreypondt, Sebastien N [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pint, Bruce A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1248793	Post Irradiation Examination Plan for High-Burnup Demonstration Project Sister Rods	Scaglione, John M [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Montgomery, Rose [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016

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1248797	Linear Array Ultrasonic Test Results from Alkali-Silica Reaction (ASR) Specimens	Clayton, Dwight A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Khazanovich, Dr. Lev [Univ. of Minnesota,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1252138	PIE on Safety-Tested Loose Particles from Irradiated Compact 4-4-2	Hunn, John D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gerczak, Tyler J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1252157	5.0. Depletion, activation, and spent fuel source terms	Wieselquist, William A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1254091	Qualification of Simulation Software for Safety Assessment of Sodium Cooled Fast Reactors. Requirements and Recommendations	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pointer, William David [Oak Ridge National Lab. (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1256825	Complete Non-Radioactive Operability Tests for Cladding Hull Chlorination	Collins, Emory D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Johnson, Jared A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1329736	Identifying the Critical Links in Road Transportation Networks: Centrality-based approach utilizing structural properties	Chinthavali, Supriya [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1254094	Global Carbon Fiber Composites. Supply Chain Competitiveness Analysis	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Warren, Joshua A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2016
1329123	Integrated Risk-Informed Decision-Making for an ALMR PRISM	Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Belles, Randy [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2016
1255658	A Brief User's Guide to the Excel <sup>®</sup> -Based DF Calculator	Jubin, Robert Thomas [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2016
1259432	M2FT-16OR020205042: Severe Accident Analysis Of BWR Core Fueled With UO <sub>2</sub> /FeCrAl with Updated Materials and Melt Properties From Experiments	Robb, Kevin R [ORNL]; McMurray, Jake W [ORNL]; Terrani, Kurt A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2016
1287035	Microgrid Controller and Advanced Distribution Management System Survey Report	Liu, Guodong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Starke, Michael R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1295139	Shared Freight Transportation and Energy Commodities Phase One: Coal, Crude Petroleum, & Natural Gas Flows	Chin, Shih-Miao [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hwang, Ho-Ling [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1295143	Analyzing the Implications of Climate Data on Plant Hardiness Zones for Green Infrastructure Planning: Case Study of Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M [ORNL]; Omitaomu, Olufemi A [ORNL]; Parish, Esther S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1326509	SCALE Code System 6.2.1	Rearden, Bradley T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jessee, Matthew Anderson [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1327675	Technique development for modulus, microcracking, hermeticity, and coating evaluation capability characterization of SiC/SiC tubes	Hu, Xunxiang [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Ang, Caen K. [Oak Ridge National Laboratory (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1329760	Iodine Adsorption by Ag-Aerogel under Prototypical Vessel Off-Gas Conditions	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1330544	A model to evaluate 100-year energy mix scenarios to facilitate deep decarbonization in the southeastern United States	Adkisson, Mary A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Qualls, A. L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1324183	Analysis of Gas Membrane Ultra-High Purification of Small Quantities of Mono-Isotopic Silane	de Almeida, Valmor F [ORNL]; Hart, Kevin J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1325486	Processing and Monthly Summaries of Downscaled Climate Data for Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M [ORNL]; Omitaomu, Olufemi A [ORNL]; Parish, Esther S [ORNL]; Allen, Melissa R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1325489	The Freight Analysis Framework Version 4 (FAF4) - Building the FAF4 Regional Database: Data Sources and Estimation Methodologies	Hwang, Ho-Ling [ORNL]; Hargrove, Stephanie [ORNL]; Chin, Shih-Miao [ORNL]; Wilson, Daniel W [ORNL]; Taylor, Rob D [ORNL]; Davidson, Diane	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326508	Neutron Activation Foil and Thermoluminescent Dosimeter Responses to a Lead Reflected Pulse of the CEA Valduc SILENE Critical Assembly	Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Celik, Cihangir [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326519	Analyzing the Implications of Climate Data on the Rainfall Frequency Spectrum: Case Study of Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Omitaomu, Olufemi A. [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326525	Report on Status of Shipment of High Fluence Austenitic Steel Samples for Characterization and Stress Corrosion Crack Testing	Clark, Scarlett R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Leonard, Keith J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327663	Neutron Activation Foil and Thermoluminescent Dosimeter Responses to a Polyethylene Reflected Pulse of the CEA Valduc SILENE Critical Assembly	Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Celik, Cihangir [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327672	Isotope Program Report June FY2016	Lewis, Jr, Benjamin E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Egle, Brian [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327679	Best Practices for NPT Transit Matching	Gilligan, Kimberly V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Whitaker, J. Michael [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1330516	U.S. Commercial Spent Nuclear Fuel Assembly Characteristics - 1968-2013	Hu, Jianwei [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Peterson, Joshua L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016

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1330542	Analysis of Selected Legacy <sup>85</sup>Kr Samples	Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/2/2016
1329758	Toughness testing and high-temperature oxidation evaluations of advanced alloys for core internals	Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pint, Bruce A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/16/2016
1330552	Complete Status Report Documenting Weld Development for Thin Wall Tubing of ODS Ferritic Alloys	Hoelzer, David T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Edmondson, Philip D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/16/2016
1326527	DTK C/Fortran Interface Development for NEAMS FSI Simulations	Slattery, Stuart R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lebrun-Grandie, Damien T. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/19/2016
1328314	Safety Testing of AGR-2 UCO Compacts 5-2-2, 2-2-2, and 5-4-1	Hunn, John D [ORNL]; Morris, Robert Noel [ORNL]; Baldwin, Charles A [ORNL]; Montgomery, Fred C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329733	Chattanooga Electric Power Board Case Study Distribution Automation	Glass, Jim [Chattanooga Electric Power Board (EPB), TN (United States)]; Melin, Alexander M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329771	Integrated Surface/subsurface flow modeling in PFLOTRAN	Painter, Scott L [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331078	Final Report: Non-Visible, Automated Target Acquisition and Tracking	Ziock, Klaus-Peter [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Fabris, Lorenzo [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331097	Development of coatings for ultrasonic additive manufacturing sonotrode using laser direct metal deposition process	Sridharan, Niyanth [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331092	The Oak Ridge Competitive Electricity Dispatch (ORCED) Model Version 9	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Baek, Young Sun [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1334468	Biota Modeling in EPA s Preliminary Remediation Goal and Dose Compliance Concentration Calculators for Use in EPA Superfund Risk Assessment: Explanation of Intake Rate	Manning, Karessa L [ORNL]; Dolislager, Fredrick G [ORNL]; Bellamy, Michael B [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1334481	Fusion Materials Research at Oak Ridge National Laboratory in Fiscal Year 2016	Wiffen, Frederick W [ORNL]; Katoh, Yutai [ORNL]; Melton, Stephanie G [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	12/1/2016
1238754	Field Demonstration of Ground-Source Integrated Heat Pump Part I. Technology and Field Demo System/Site Descriptions, and Preliminary Summer/Fall Performance Analysis for One	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2016
1245362	High Efficiency Water Heating Technology Development Final Report. Part I, Lab/Field Performance Evaluation and Accelerated Life Testing of a Hybrid Electric Heat Pump Water	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Murphy, Richard W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1287036	Revised Heating Load Line Analysis: Addendum to ORNL/TM-2015/281	Rice, C. Keith [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shen, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1324190	FY16 Q3 Milestone Report for Geothermal Vision Study Thermal Application (Geothermal Heat Pump): Complete Simulations of GHP Installations for Representative Buildings	Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1319163	Case Study for the ARRA-funded Ground Source Heat Pump Demonstration at Denver Museum of Nature & Science	Im, Piljae [ORNL]; Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326522	Alternative Refrigerant Evaluation for High-Ambient-Temperature Environments: R-22 and R-410A Alternatives for Rooftop Air Conditioners	Abdelaziz, Omar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shrestha, Som S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327684	Field Demonstration of Ground-Source Integrated Heat Pump-Final Report	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329751	Multiyear Plan for Validation of EnergyPlus Multi-Zone HVAC System Modeling using ORNL's Flexible Research Platform	Im, Piljae [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bhandari, Mahabir S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1260087	Bench Testing Results for the Electrical PCM-Assisted Thermal Heating System (ePATHS)	LaClair, Tim J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gao, Zhiming [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/20/2016
1246778	Adsorption Properties of Lignin-derived Activated Carbon Fibers (LACF)	Contescu, Cristian I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gallego, Nidia C. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1246776	Ionic Liquids as Multi-Functional Lubricant Additives to Enhance Engine Efficiency (final report NFE-12-03876)	Qu, Jun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Luo, Huimin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1295144	Database on Performance of Neutron Irradiated FeCrAl Alloys	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Briggs, Samuel A. [Univ. of Wisconsin, Madison, WI (United States)];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1238027	Determine Operating Reactor to Use for the 2016 PCI Level 1 Milestone	Clarno, Kevin T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/30/2016
1248783	Standalone BISON Fuel Performance Results for Watts Bar Unit 1, Cycles 1-3	Clarno, Kevin T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pawlowski, Roger [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/7/2016
1302925	VERA and VERA-EDU 3.5 Release Notes	Sieger, Matt [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Salko, Robert K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/26/2016

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1329768	Shift Verification and Validation	Pandya, Tara M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Evans, Thomas M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/7/2016
1247950	Assessment of Gasoline Additive Containing Diterbutoxypropanol	West, Brian H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Connatser, Raynella M. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1287033	Measurement of Vehicle Air Conditioning Pull-Down Period	Thomas, John F [ORNL]; Huff, Shean P [ORNL]; Moore, Larry G [ORNL]; West, Brian H [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1240581	Status Report on Irradiation Capsules Containing Welded FeCrAl Specimens for Radiation Tolerance Evaluation	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Howard, Richard H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/26/2016
1244203	The influence of low dose neutron irradiation on the thermal conductivity of Allcomp carbon foam	Burchell, Timothy D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Porter, Wallace D. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2016
1326521	Report on FY16 Low-dose Metal Fuel Irradiation and PIE	Edmondson, Philip D.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1330553	Key metrics for HFIR HEU and LEU models	Ilas, Germina [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Betzler, Benjamin R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/25/2016
1331090	M3FT-16OR020202112 - Report on viability of hydrothermal corrosion resistant SiC/SiC Joint development	Katoh, Yutai [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Koyanagi, Takaaki [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/30/2016
1238021	The Development of Expansion Plug Wedge Test for Clad Tubing Structure Mechanical Property Evaluation	Wang, Jy-An John [ORNL]; Jiang, Hao [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/12/2016
1287034	FY 2016 Status Report: CIRFT Testing Data Analyses and Updated Curvature Measurements	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1324196	FY 2016 Status Report: Documentation of All CIRFT Data including Hydride Reorientation Tests (Draft M2)	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329134	Development of Cone Wedge Ring Expansion Test to Evaluate Mechanical Properties of Clad Tubing Structure	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329157	ORNL Interim Progress Report on Static CIRFT Testing Curvature Data Update	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/10/2016
1333100	ORNL Interim Progress Report on Hydride Reorientation CIRFT Tests	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Yan, Yong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/28/2016
1334482	DPF Durability ORNL-04-0692	Watkins, Thomas R [ORNL]; Shyam, Amit [ORNL]; Lara-Curzio, Edgar [ORNL]; Stafford, Randall [Cummins, Inc]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1246779	INVESTIGATION OF TITANIUM BONDED GRAPHITE FOAM COMPOSITES FOR MICRO ELECTRONIC MECHANICAL SYSTEMS (MEMS) APPLICATIONS	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1237641	Collaborative Technology Assessments Of Transient Field Processing And Additive Manufacturing Technologies As Applied To Gas Turbine Components	Ludtka, Gerard Michael [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2016
1238025	Low-cost Electromagnetic Heating Technology for Polymer Extrusion-based Additive Manufacturing	Carter, William G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/7/2016
1247953	Additive Manufacturing of Advanced High Temperature Masking Fixtures for EBPVD TBC Coating	List, III, Frederick Alyious [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Feuerstein, Albert [Praxair Surface Technologies, Inc., (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/30/2016
1254096	Materials and Additive Manufacturing for Energy Efficiency in Wind Turbine and Aircraft Industries	Datskos, Panos G [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Polyzos, Georgios [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/4/2016
1256828	The New S-RAM Air Variable Compressor/Expander for Heat Pump and Waste Heat to Power Application	Dehoff, Ryan R [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jestings, Lee [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/23/2016
1287037	CRADA/NFE-15-05761 Report: Additive Manufacturing of Isotropic NdFeB Bonded Permanent Magnets	Paranthaman, M. Parans [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States). Manufacturing Demonstration Facility (MDF)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/18/2016
1327670	Additive Manufacturing of Tooling for Refrigeration Cabinet Foaming Processes	Post, Brian K [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/29/2016
1326514	Feasibility and Testing of Additive Manufactured Components	Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hummelt, Ed [Eaton Corporation, Milwaukee, WI (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329150	Evaluation of Additive Manufacturing for Stainless Steel Components	Peter, William H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lou, Xiaoyuan [General Electric (GE), Wilmington, NC (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329774	CRADA/NFE-15-05779 Report: Fabrication of Large Area Printable Composite Magnets	Paranthaman, M. Parans [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/29/2016
1329148	Printed Spacecraft Separation System	Holmans, Walter [Planetary Systems Corporation, Silver Springs, MD (United States)]; Dehoff, Ryan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016

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1246777	Comparison of ORNL Low Cost Carbon Fiber with Commercially Available Industrial Grade Carbon Fiber in Pultrusion Samples	Norris, Jr, Robert E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; McCay, Jeff A. [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2016
1295141	Powertrain Test Procedure Development for EPA GHG Certification of Medium- and Heavy-Duty Engines and Vehicles	Chambon, Paul H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Deter, Dean D. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1329775	Evaluation of Zinc-Coated Ductile Iron Pipe	Shipilov, Sergei A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Unocic, Kinga A. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2016
1254090	Development and Testing of CTF to Support Modeling of BWR Operating Conditions	Salko, Robert K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wysocki, Aaron [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/29/2016
1238755	Neutron Scattering of Residual Hydrogen in 1,4-Dioxane-D8 Liquid. Understanding Measurements with Molecular Dynamics Simulations	de Almeida, Valmor F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Liu, Hongjun [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/25/2016
1242342	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY 2016 First Quarterly Report	Nguyen, Ba Nghiep [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	1/31/2016
1242340	Basic Research Needs for Environmental Management	Clark, Sue B. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Buchanan, M. V. [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/9/2016
1240225	Developing Performance Cost Index Targets for ASHRAE Standard 90.1 Appendix G "Performance Rating Method	Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hart, Philip R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/16/2016
1239485	Commercial Building Energy Code Compliance Literature Review	Bartlett, Rosemarie [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Halverson, Mark A. [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/22/2016
1242341	Pacific Northwest National Laboratory's Climate Resiliency Planning Process and Lessons Learned	Fowler, Kimberly M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Judd, Kathleen S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/22/2016
1241080	Assessment of the National Research Universal Reactor Proposed New Stack Sampling Probe Location for Compliance with ANSI/HPS N13.1-1999	Glissmeyer, John A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Antonio, Ernest J. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1328844	Stack Flow Rate Changes and the ANSI/N13.1-1999 Qualification Criteria: Application to the Hanford Canister Storage Building Stack	Flaherty, Julia E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Glissmeyer, John A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1330923	PNNL Development and Analysis of Material-Based Hydrogen Storage Systems for the Hydrogen Storage Engineering Center of Excellence	Brooks, Kriston P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Alvine, Kyle J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1247456	Fast Pyrolysis and Hydrotreating: 2015 State of Technology R&D and Projections to 2017	Jones, Susanne B. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Snowden-Swan, Lesley J. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1260870	Developing Performance Cost Index Targets for ASHRAE Standard 90.1 Appendix G "Performance Rating Method - Rev.1	Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hart, Philip R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1314416	Tests of a Design Details and Theory of Operation	Miller, Carl H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1330300	Analytical Data Report for Sediment Samples Collected From 116-KE-3 and UPR-100-K-1; Boreholes C8796 and C8796	Snyder, Michelle M.V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Last, George V. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1314415	Biochar from Biomass and its Potential Agronomic and Environmental Use in Washington: A Promising Alternative to Drawdown Carbon from the Atmosphere and Develop a New	Amonette, James E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Garcia-Perez, Manuel [Washington State Univ., Pullman,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/4/2016
1242343	Analysis of Pharmaceutical and Personal Care Compounds in Wastewater Sludge and Aqueous Samples using GC-MS/MS	Zhong, Lirong [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Mitroshkov, Alexandre V. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/15/2016
1258729	Characterization of a Commercial Silicon Beta Cell	Foxe, Michael P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hayes, James C. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/31/2016
1328843	UO <sub>2</sub> Particle Standards: Synthesis, Purification & Planchet Preparation	Barrett, Christopher A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Anheier, Norman C. [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/31/2016
1256394	Hydrotreater/Distillation Column Hazard Analysis Report Rev. 2	Lowry, Peter P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Wagner, Katie A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/15/2016
1251315	Integrating Renewable Generation into Grid Operations: Four International Experiences	Weimar, Mark R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Mylrea, Michael E. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/22/2016
1326153	Performance of Virtual Current Meters in Hydroelectric Turbine Intakes	Harding, Samuel F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States). Hydrology Group]; Romero-Gomez, Pedro D. J.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/30/2016
1256393	Valuation of Transactive Systems	Hammerstrom, Donald J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Corbin, Charles D. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/12/2016
1258730	Light Water Reactor Sustainability Program: Evaluation of Localized Cable Test Methods for Nuclear Power Plant Cable Aging Management Programs	Glass, Samuel W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/30/2016
1259942	Potential Impacts of Accelerated Climate Change	Leung, L. R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Vail, L. W. [Pacific Northwest National Lab. (PNNL), Richland,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/31/2016



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1260869	False Negative Rates of a Macrofoam-Swab Sampling Method with Low Surface Concentrations of Two Bacillus anthracis Surrogates via Real-Time PCR	Hutchison, Janine R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Piepel, Gregory F. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/1/2016
1258731	Hydrothermal Liquefaction and Upgrading of Municipal Wastewater Treatment Plant Sludge: A Preliminary Techno-Economic Analysis	Snowden-Swan, Lesley J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Zhu, Yunhua [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/8/2016
1274876	Compilation of PRF Canyon Floor Pan Sample Analysis Results	Pool, Karl N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Minette, Michael J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/30/2016
1282484	Affordable Hybrid Heat Pump Clothes Dryer	TeGrotenhuis, Ward E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Butterfield, Andrew [Jabil, St. Petersburg, FL	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/30/2016
1326152	VOLTRON <sup>®</sup> ,c: Tech-to-Market Best-Practices Guide for Small- and Medium-Sized Commercial Buildings	Cort, Katherine A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Haack, Jereme N. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/11/2016
1328845	CASS Ferrite and Grain Structure Relationship	Ruud, Clayton O. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Ramuhalli, Pradeep [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/13/2016
1329453	Report on July 2015 Additional Protocol Coordinators Best Practices Workshop	Gitau, Ernest T.N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Burbank, Roberta L. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/31/2016
1327162	Review Team Focused Modeling Analysis of Radial Collector Well Operation on the Hypersaline Groundwater Plume beneath the Turkey Point Site near Homestead, Florida	Oostrom, Martinus [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Vail, Lance W. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/1/2016
1329455	Meeting Summary of Kitchen Cabinet on Financial Due Diligence to Reduce Proliferation Risks	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Weise, Rachel A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/15/2016
1329454	Engaging Industry in Supporting Self Regulation	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Weise, Rachel A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/31/2016
1329456	Walk the Talk: Progress in Building a Supply Chain Security Culture	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/31/2016
1327163	Simulant Basis for the Standard High Solids Vessel Design	Peterson, Reid A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1328060	Bulk Electrical Cable Non-Destructive Examination Methods for Nuclear Power Plant Cable Aging Management Programs	Glass, Samuel W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jones, Anthony M. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1330299	Strengthening IAEA Safeguards for Research Reactors	Reid, Bruce D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Anzelon, George A. [Lawrence Livermore National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1327164	Integrated Disposal Facility FY 2012 Glass Testing Summary Report, Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/2/2016
1326155	Corrosion of Metal Inclusions In Bulk Vitrification Waste Packages Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326156	Waste Form Release Data Package for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326157	Integrated Disposal Facility FY2011 Glass Testing Summary Report Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326158	Laboratory Testing of Bulk Vitrified Low-Activity Waste Forms to Support the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326159	Sensitivity Analysis of Kinetic Rate-Law Parameters Used to Simulate Long-Term Weathering of ILAW Glass Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326160	Waste Form Release Calculations for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326161	Waste Form Release Data Package for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1330925	Investigations Into the Reusability of Amidoxime-Based Polymeric Uranium Adsorbents	Kuo, Li-Jung [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Science Lab.]; Gill, Gary A. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/28/2016
1330924	Summary of Adsorption Capacity and Adsorption Kinetics of Uranium and Other Elements on Amidoxime-based Adsorbents from Time Series Marine Testing at the Pacific	Gill, Gary A. [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Sciences Lab.]; Kuo, Li-Jung [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/29/2016
1328842	Solid State Characterizations of Long-Term Leached Cast Stone Monoliths	Asmussen, Robert M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Pearce, Carolyn I. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/30/2016
1332622	Uranium from Seawater Marine Testing Program at the University of Miami's Broad Key Island Research Station	Gill, Gary A. [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Sciences Lab.]; Kuo, Li-Jung [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/30/2016
1334003	Impacts of Model Building Energy Codes	Athalye, Rahul A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Sivaraman, Deepak [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	10/31/2016

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1244801	Grid Architecture 2	Taft, Jeffrey D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/1/2016
1240754	Vulnerability Assessments and Resilience Planning at Federal Sites	Moss, Richard H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Blohm, Andrew [Univ. of Maryland, College Park, MD	TR	PNNL	Pacific Northwest National Laboratory	2/1/2016
1245899	Sensing and Measurement Architecture for Grid Modernization	Taft, Jeffrey D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; De Martini, Paul [California Inst. of Technology (CalTech),	TR	PNNL	Pacific Northwest National Laboratory	2/1/2016
1244800	K West Basin Sand Filter Backwash Sample Analysis	Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Smoot, Margaret R. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Laboratory	3/1/2016
1245898	Laboratory Directed Research and Development Annual Report for 2015	Sullivan, Kelly O. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2016
1249270	Protocol for Uniformly Measuring and Expressing the Performance of Energy Storage Systems	Conover, David R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Crawford, Aladsair J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	4/1/2016
1255406	Cesium Isotherm Testing with Spherical Resorcinol-Formaldehyde Resin at High Sodium Concentrations	Russell, Renee L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	4/1/2016
1253882	ANSI/ASHRAE/IES Standard 90.1-2010 Performance Rating Method Reference Manual	Goel, Supriya [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	5/1/2016
1327165	Hydrothermal Liquefaction and Upgrading of Municipal Wastewater Treatment Plant Sludge: A Preliminary Techno-Economic Analysis, Rev.1	Snowden-Swan, Lesley J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Zhu, Yunhua [Pacific Northwest National	TR	PNNL	Pacific Northwest National Laboratory	9/1/2016
1333451	Maintaining Continuity of Knowledge (CoK) of Spent Fuel Pools: Tool Survey - Scenarios, Technology Considerations, and Evaluation Criteria	Benz, Jacob M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Tanner, Jennifer E. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Laboratory	1/18/2016
1239486	Assessing Potential Energy Cost Savings from Increased Energy Code Compliance in Commercial Buildings	Rosenberg, Michael I.; Hart, Philip R.; Athalye, Rahul A.; Zhang, Jian; Wang, Weimin	TR	PNNL	Pacific Northwest National Laboratory	2/15/2016
1333456	Viability Study for an Unattended UF6 Cylinder Verification Station: Phase I Final Report	Smith, Leon E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Miller, Karen A. [Los Alamos National Lab. (LANL), Los	TR	PNNL	Pacific Northwest National Laboratory	5/31/2016
1333452	Maintaining Continuity of Knowledge of Spent Fuel Pools: Tool Survey	Benz, Jacob M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Smartt, Heidi A. [Sandia National Lab. (SNL-NM),	TR	PNNL	Pacific Northwest National Laboratory	8/30/2016
1333453	A Radiation-Triggered Surveillance System for UF6 Cylinder Monitoring	Curtis, Michael M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Myjak, Mitchell J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/23/2016
1333454	Nondestructive Examination Guidance for Dry Storage Casks	Meyer, Ryan M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Suffield, Sarah R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/30/2016
1333455	Options for the Separation and Immobilization of Technetium	Serne, R Jeffrey [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Crum, Jarrod V. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/30/2016
1259543	Workshop on Incomplete Network Data Held at Sandia National Labs â€” Livermore	Soundarajan, Sucheta [Syracuse Univ., NY (United States)]; Wendt, Jeremy D. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	6/1/2016
1311528	Modeling Primary Atomization of Liquid Fuels using a Multiphase DNS/LES Approach	Arienti, Marco [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Oefelein, Joe [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	8/1/2016
1332174	In-situ Calibration of Detectors using Muon-induced Neutrons	Marleau, Peter [Sandia National Lab. (SNL-CA), Livermore, CA (United States). Radiation and Nuclear Detection Systems]; Reyna, David [Sandia	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	10/31/2016
1333705	Analyze D<sub>2</sub>O Losses from the D<sub>2</sub>O loaded AgZ provided in FY15 By ORNL	Alam, Todd [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	4/20/2016
1262728	SIERRA Multimechanics Module: Aria User Manual â€” Version 4.40	Notz, Patrick K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Subia, Samuel Ramirez [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	5/2/2016
1259541	Xyceâ„ƒ Parallel Electronic Simulator Users' Guide, Version 6.5.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Electrical Models and Simulation]; Aadithya, Karthik V.	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1259542	Xyceâ„ƒ Parallel Electronic Simulator Reference Guide, Version 6.5	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Electrical Models and Simulation]; Aadithya, Karthik V.	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1332172	Conducting a Nuclear Security Assessment	Leach, Janice [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1333699	Considerations of the Differences between Bedded and Domes Salt Pertaining to Disposal of Heat-Generating Nuclear Waste	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	7/7/2016
1333710	Considerations of the Differences between Bedded and Domes Salt Pertaining to Disposal of Heat-Generating Nuclear Waste	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	7/7/2016
1333713	International Collaboration Activities on Engineered Barrier Systems	Jove-Colon, Carlos F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	8/31/2016

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1333701	Deep Borehole Field Test Laboratory and Borehole Testing Strategy	Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brady, Patrick V. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/19/2016
1333708	Advances in Geologic Disposal System Modeling and Application to Crystalline Rock	Mariner, Paul E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Stein, Emily R. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/22/2016
1333703	The On-line Waste Library (OWL): Usage and Inventory Status Report	Sassani, David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jang, Je-Hun [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/23/2016
1333711	FY16 Summary Report: Participation in the KOSINA Project	Matteo, Edward N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hansen, Francis D. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/23/2016
1333709	Reinvestigation into Closure Predictions of Room D at the Waste Isolation Pilot Plant	Reedlunn, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/27/2016
1333702	Deep Borehole Field Test Conceptual Design Report	Hardin, Ernest L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333704	Status of Progress Made Toward Preliminary Design Concepts for the Inventory in Select Media for DOE-Managed HLW/SNF	Matteo, Edward N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hardin, Ernest L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333706	Results for the Aboveground Configuration of the Boiling Water Reactor Dry Cask Simulator	Durbin, Samuel G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333707	Uncertainty quantification methodologies development for stress corrosion cracking of canister welds	Dingreville, Remi Philippe Michel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1234474	Analysis of Alternatives (AoA) of Open Collaboration and Research Capabilities Collaboratipon in Research and Engineering in Advanced Technology and Education and High-	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1234479	Collaboration in Research and Engineering for Advanced Technology.	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1234481	Final Technical Report: Low-Cost Solar Variability Sensors for Ubiquitous Deployment.	Lave, Matthew Samuel [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1235214	FY2015 Annual Report for Alternative Fuels DISI Engine Research.	Sjåberg, Carl-Magnus G. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1236111	Netflow Theory Manual	Bozinovski, Radoslav; William Winters	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1237406	East Bay Area Benchmark Study	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	2/1/2016
1237893	Hydrogen Assisted Fracture of Stainless Steels	Sugar, Joshua Daniel; Somerday, Brian P.; Homer, Mark; Vitale, Suzy; Matsuda, Junko	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	2/1/2016
1257616	Element Verification and Comparison in Sierra/Solid Mechanics Problems	Ohashi, Yuki; Roth, William	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	5/1/2016
1330190	Game Theory for Proactive Dynamic Defense and Attack Mitigation in Cyber-Physical Systems	Letchford, Joshua [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	9/1/2016
1331427	System Construction of the Stilbene Compact Neutron Scatter Camera	Goldsmith, John E. M. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Gerling, Mark D. [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	10/1/2016
1333517	Storm Water Data 10-27-2016 for Upload to State Database.	Holland, Robert C. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	11/1/2016
1234473	Multi-Objective Advanced Inverter Controls to Dispatch the Real and Reactive Power of Many Distributed PV Systems.	Reno, Matthew J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lave, Matthew Samuel [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234476	Quantum Oscillations in an Interfacial 2D Electron Gas.	Zhang, Bingop [Zhejiang Univ., Hangzhou (China)]; Lu, Ping [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Liu, Henan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234477	IDC Re-Engineering Phase 2 Iteration E1 Use Case Model Survey.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carr, Dorthie B. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234478	IDC Re-Engineering Phase 2 Iteration E1 Use Cases.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carr, Dorthie B. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234480	Extended-Term Dynamic Simulations with High Penetrations of Photovoltaic Generation.	Concepcion, Ricky James [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Elliott, Ryan Thomas [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234564	IDC Re-Engineering Phase 2 Data Model.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Young, Christopher J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234566	IDC Re-Engineering Phase 2 Data Model to IDC Schema Mapping.	Hamlet, Benjamin R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Montoya, Mark Sinclair [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016

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1234567	IDC Re-Engineering Phase 2 Glossary.	Young, Christopher J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Harris, James M. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234568	Electrical Breakdown Physics in Photoconductive Semiconductor Switches (PCSS).	Mar, Alan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Zutavern, Fred J. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234818	PV Systems Reliability Final Technical Report: Ground Fault Detection	Lavrova, Olga [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Flicker, Jack David [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234936	Permafrost Active Layer Seismic Interferometry Experiment (PALSIE).	Abbott, Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Knox, Hunter Anne [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234984	LDRD @ SNL November 2015.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235209	Fire Intensity Data for Validation of the Radiative Transfer Equation	Blanchat, Thomas K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jernigan, Dann A. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235210	Regulatory Guide on Conducting a Security Vulnerability Assessment	Ek, David R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235211	Approximate Model for Turbulent Stagnation Point Flow.	Dechant, Lawrence [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235213	Fukushima Daiichi Unit 1 Accident Progression Uncertainty Analysis and Implications for Decommissioning of Fukushima Reactors - Volume I.	Gauntt, Randall O. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Mattie, Patrick D. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235524	Internal (Annular) and Compressible External (Flat Plate) Turbulent Flow Heat Transfer Correlations.	Dechant, Lawrence [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Smith, Justin [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235537	Verification of Advective Bar Elements Implemented in the Aria Thermal Response Code.	Mills, Brantley [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235646	Multi-Pack Disposal Concepts for Spent Fuel (Revision 1)	Hardin, Ernest [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Matteo, Edward N. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235649	Analysis of Debris Trajectories at the Scaled Wind Farm Technology (SWIFT) Facility	White, Jonathan R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Burnett, Damon J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235806	Quantum Graph Analysis	Maunz, Peter Lukas Wilhelm [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sterk, Jonathan David [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235807	Integrated Human Futures Modeling in Egypt	Passell, Howard D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aamir, Munaf Syed [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235808	Mapping the Energy-Water Nexus around the Pacific Rim	Tidwell, Vincent C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Moreland, Barbara Denise [Sandia National Lab.	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235987	Economic Viability of Brewery Spent Grain as a Biofuel	Morrow, Charles [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235988	Microgrid Design Analysis Using Technology Management Optimization and the Performance Reliability Model	Stamp, Jason E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Eddy, John P. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235989	ER Consolidated Qtrly Rpt_July-September 2015_January 2016	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235990	Tunable Graphitic Carbon Nano-Onions Development in Carbon Nanofibers for Multivalent Energy Storage	Schwarz, Haiqing L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235991	Summary of Technical Meeting To Compare US/French Approaches for Physical Protection Test Beds	Mack, Thomas Kimball [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martinez, Ruben [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236108	MELCOR/CONTAIN LMR Implementation Report-Progress FY15	Humphries, Larry L.; Louie, David	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236109	Quantification of Lithium-ion Cell Thermal Runaway Energetics	Orendorff, Christopher; Lamb, Joshua; Steele, Leigh Anna Marie; Spangler, Scott Wilmer; Langendorf, Jill Louise	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236110	Notes on a New Coherence Estimator	Bickel, Douglas L.	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236112	Evaluation of Strontium Selectivity by Sandia Octahedral Molecular Sieves (SOMS).	Rigali, Mark J.; Stewart, Thomas Austin	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236730	Metal-Organic Framework Thin Films as Stationary Phases in Microfabricated Gas-Chromatography Columns.	Read, Douglas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sillerud, Colin Halliday [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236944	Technology Transfer and Outreach for SNL/Rochester ALPHA Project.	Sinars, Daniel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016

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1237001	Budgeting for Solar PV Plant Operations & Maintenance: Practices and Pricing.	Enbar, Nadav [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Weng, Dean [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237002	SWIFT Software Quality Assurance Plan.	Berg, Jonathan Charles [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237403	SWIFT site atmospheric characterization	Kelley, Christopher Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ennis, Brandon Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237520	Task Parallel Incomplete Cholesky Factorization using 2D Partitioned-Block Layout	Kim, Kyungjoo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rajamanickam, Sivasankaran [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237522	Numerical Estimation of the Spent Fuel Ratio	Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Durbin, Samuel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1239691	Implementing a lessons learned process at Sandia National Laboratories	Fosshage, Erik D.; Drewien, Celeste A.; Eras, Kenneth; Hartwig, Ronald Craig; Post, Debra S.; Stoecker, Nora Kathleen	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237408	Analytical Solution to the Pneumatic Transient Rod System at ACR	Fehr, Brandon Michael [Georgia Inst. of Technology, Atlanta, GA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/8/2016
1235986	Proceedings of the 6th US/German Workshop on Salt Repository Research, Design, and Operation	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Steininger, Walter [Karlsruhe Inst. of Technology (KIT)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/11/2016
1237003	High Optical Access Trap 2.0.	Maunz, Peter Lukas Wilhelm [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/26/2016
1237004	Verification and Validation of a Coordinate Transformation Method in Axisymmetric Transient Magnetics.	Ashcraft, C. Chace [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Niederhaus, John Henry [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/29/2016
1237138	Sandia SWIFT Site Safe Work Planning Manual.	White, Jonathan	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237404	DOE SunShot System Integration Program. Accomplishments and Impacts	Boynnton, Shannon [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellis, Abraham [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237521	Helium trapping at erbium oxide precipitates in erbium hydride	Foiles, Stephen M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Battaile, Corbett Chandler [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237891	Environmental Management System Objectives & Targets Results Summary - FY 2015.	Vetter, Douglas W	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237892	Defect Characterization for Material Assurance in Metal Additive Manufacturing (FY15-0664)	Salzbrenner, Bradley; Boyce, Brad; Jared, Bradley Howell; Rodelas, Jeffrey; Laing, John Robert	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238101	Using Machine Learning in Adversarial Environments.	Davis, Warren Leon [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238102	Treatment of Oil & Gas Produced Water.	Dwyer, Brian P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238315	LDRD @ SNL Jan 2016.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Camacho, Ryan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238316	Digital Image Correlation for Performance Monitoring.	Palavicini, Miguel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Turner, Daniel Z. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239328	MESA SiFab Pre-Gown Room Summary.	Olewine, Michael	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239338	Inventory Report: Hazardous Waste Management Facility's Location L011.	Wright, Kevin Thomas	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239347	Environmental Baseline Survey for Proposed Land Use Permit Modification for Expansion of the Dynamic Explosive Test Site (DETS) 9940 Main Complex Parking Lot.	Peek, Dennis W.	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239348	2014 Annual Site Environmental Report Summary Pamphlet for Sandia National Laboratories New Mexico.	Griffith, Stacy Rene	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237407	Evaluation of the Frequencies for Canister Inspections for SCC	Stockman, Christine [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/2/2016
1331489	Cubic Gallium Nitride on Micropatterned Si (001) for Longer Wavelength LEDs	Durniak, Mark T. [Rensselaer Polytechnic Inst., Troy, NY (United States). Dept. of Materials Science and Engineering]; Chaudhuri, Anabil [Univ. of California, San Diego (UCSD)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2016
1248575	Analysis of High Plains Resource Risk and Economic Impacts	Tidwell, Vincent C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Vargas, Vanessa N [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1248576	Nanophotonics and Optical Nanomaterials	Doorn, Stephen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016

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1248577	Soft Biological and Composite Nanomaterials	Firestone, Millicent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331490	Scoping Study on Research and Development Priorities for Distribution-System Phasor Measurement Units	Eto, Joseph H. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Stewart, Emma M. [Lawrence Berkeley National Lab.	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331491	FY16/Q2 status report on initial dispersion calculations for tight crude oils project	Luketa, Anay [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rudeen, David Keith [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331492	Contingency Contractor Optimization Phase 3 Sustainment Verification and Validation V&V Report - Contingency Contractor Optimization Engineering - Prototype	Bandlow, Alisa [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Operations Research and Computational Analysis]; Durfee,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331494	Determination of Duty Cycle for Energy Storage Systems in a PV Smoothing Application	Schoenwald, David A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellison, James [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1254272	A Control Variate Method for Probabilistic Performance Assessment. Improved Estimates for Mean Performance Quantities of Interest	MacKinnon, Robert J.; Kuhlman, Kristopher L	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254273	2014 Zero Waste Strategic Plan Executive Summary.	Wrons, Ralph J.	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254274	Future Technology Estimation Survey form for the Robotics Technology Alternatives in the Electric Power Industry. Submersible Mini-Robot.	Mazumdar, Anirban	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254276	Contingency Contractor Optimization Phase 3 Sustainment Third-Party Software List - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David; Frazier, Christopher Rawls; Bandlow, Alisa	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254278	Constrained Versions of DEDICOM for Use in Unsupervised Part-Of-Speech Tagging	Dunlavy, Daniel; Peter A. Chew	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254279	Laboratory Directed Research and Development at Sandia National Laboratories, March/April 2016	Arrowsmith, Marie Danielle	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254280	Summary of Fe opacity measurement platform	Nagayama, Taisuke	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254282	Path Network Recovery Using Remote Sensing Data and Geospatial-Temporal Semantic Graphs	McLendon, William C.; Brost, Randolph	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257613	ASC Weekly News Notes	Womble, David E.	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257614	NESHAP Annual Report for CY 2015 Sandia National Laboratories Tonopah Test Range	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257615	Radiological NESHAP Annual Report CY 2015 Sandia National Laboratories New Mexico	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257617	XVis: Visualization for the Extreme-Scale Scientific-Computation Ecosystem. Mid-year report FY16 Q2	Moreland, Kenneth D.; Sewell, Christopher (LANL); Childs, Hank (U of Oregon); Ma, Kwan-Liu (UC Davis); Geveci, Berk (Kitware); Meredith, Jeremy	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257620	Field Trial of the Enhanced Data Authentication System (EDAS)	Thomas, Maikael A.; Baldwin, George T.; Hymel, Ross W	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257623	Assessment Report Sandia National Laboratories Fuel Cycle Technologies Quality Assurance Evaluation of FY15 SNL FCT M2 Milestone Deliverables	Appel, Gordon John [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259544	lfpack2 User's Guide 1.0	Prokopenko, Andrey [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Siefert, Christopher [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259554	Operational Excellence through Schedule Optimization and Production Simulation of Application Specific Integrated Circuits.	Flory, John Andrew [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Padilla, Denise D. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259558	Analysis of PV Advanced Inverter Functions and Setpoints under Time Series Simulation.	Seuss, John [Georgia Inst. of Technology, Atlanta, GA (United States)]; Reno, Matthew J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1256510	Procedure to Determine Coefficients for the Sandia Array Performance Model (SAPM)	King, Bruce Hardison; Hansen, Clifford; Riley, Daniel; Robinson, Charles David; Pratt, Larry	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259546	NMSBA: Sandia Biotech 2016 Report	Ruffing, Anne [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259547	Silicon Damage Response Function Derivation and Verification: Assessment of Impact on ASTM Standard E722	Depriest, Kendall [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259548	IDC Re-Engineering Phase 2 Iteration E2 Use Case Realizations	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Burns, John F. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259560	A Photovoltaic System Payback Calculator	Riley, Daniel M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Fleming, Jeffrey E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016

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1259563	Contingency Contractor Optimization Phase 3 Sustainment Developer's Guide Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Frazier, Christopher Rawls [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259564	Contingency Contractor Optimization Phase 3 Sustainment Platform Requirements - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Frazier, Christopher Rawls [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259566	Enabling Technologies for Ultra-Safe and Secure Modular Nuclear Energy	Mendez Cruz, Carmen Margarita [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rochau, Gary E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1333700	Final Report: Characterization of Canister Mockup Weld Residual Stresses.	Enos, David; Bryan, Charles R.	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259565	Enhanced Passive Cooling for Waterless-Power Production Technologies	Rodriguez, Salvador B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/14/2016
1330187	Reinvestigation into Closure Predictions of Room D at the Waste Isolation Pilot Plant	Reedlunn, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330188	ER Consolidated Qtrly Rpt_April-June 2016_October 2016	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330189	Advanced WEC Dynamics & Controls FY16 Testing Report	Coe, Ryan Geoffrey [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bacelli, Giorgio [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330191	Radiation Characterization Summary: ACRR Cadmium-Polyethylene (CdPoly) Bucket Located in the Central Cavity on the 32-Inch Pedestal at the Core Centerline	Parma, Edward J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Naranjo, Gerald E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330192	Specification of Fenix MPI Fault Tolerance library version 1.0.1	Gamble, Marc [Rutgers Univ., New Brunswick, NJ (United States)]; Van Der Wijngaart, Rob [Intel Corps., Mountain View, CA (United States)];	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330196	Modeling Manufacturing Impacts on Aging and Reliability of Polyurethane Foams	Rao, Rekha R.; Roberts, Christine Cardinal; Mondy, Lisa Ann; Soehnel, Melissa Marie; Johnson, Kyle; Lorenzo, Henry T.	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330199	Technical Proposal for Loading 3000 Gallon Crude Oil Samples from Field Terminal to Sandia Pressurized Tanker to Support US DOE/DOT Crude Oil Characterization Research Study	Lord, David; Allen, Raymond	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330204	Ionic Borate-Based Covalent Organic Frameworks: Lightweight Porous Materials for Lithium-Stable Solid State Electrolytes	Black, Hayden T; Harrison, Katharine Lee	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330452	Long-Term Information Management (LTIM) of Safeguards Data at Repositories: Phase II	Haddal, Risa N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330453	Improved Mechanical Performance Fracture Properties and Reliability of Radical-Cured Thermosets	Redline, Erica Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bolintineanu, Dan S. [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330607	Measurement of Laser Weld Temperatures for 3D Model Input	Dagel, Daryl [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Grossetete, Grant [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330610	New Capabilities for Hostile Environments on Z Grand Challenge LDRD - Final Status	Cuneo, Michael E. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Griffin, P. J. [Sandia National Lab. (SNL-CA), Livermore, CA (United	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330612	The State of stress in the Sanford Underground Research Facility (SURF) in Lead South Dakota	Lee, Moo Y. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330613	Instrumentation Cables Test Plan	Muna, Alice Baca [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; LaFleur, Chris Bendsdotter [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330614	Microbial Fuel Cell Possibilities on American Indian Tribal Lands	Cameron, Kimberlynn [South Dakota School of Mines and Technology, Rapid City, SD (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330739	FY17 Milestones.	Harwell, Amber Suzanne	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330927	Social Media as an Informant.	Crawford, Justin	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330928	Uncertainty Quantification and Comparison of Weld Residual Stress Measurements and Predictions.	Lewis, John R; Brooks, Dusty Marie	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331358	High Performance Computing - Power Application Programming Interface Specification Version 1.4	Laros III, James H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; DeBonis, David [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331359	Supplemental Environmental Baseline Survey for Proposed Land Use Permit Modification for Expansion of the Dynamic Explosive Test Site (DETS) 9940 Main Complex Parking Lot	Peek, Dennis W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331363	Review of Tracktable for Satellite Maneuver Detection	Acquesta, Erin C.S. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Valicka, Christopher G. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331426	USGS VDP Infrasound Sensor Evaluation	Slad, George William [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Merchant, Bion J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016

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1331433	Fully-Coupled Thermo-Electrical Modeling and Simulation of Transition Metal Oxide Memristors	Mamaluy, Denis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gao, Xujiao [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331434	Applying the World Water and Agriculture Model to Filling Scenarios for the Grand Ethiopian Renaissance Dam	Villa, Daniel L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Tidwell, Vincent C. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331435	Protection of Renewable-dominated Microgrids: Challenges and Potential Solutions	Elkhatib, Mohamed [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellis, Abraham [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331868	ARM/NSA Monthly Report.	Sparks, Valerie [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Helsel, Frederick M. [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331869	2015 Summer Design Challenge: Team A&E (2241) Additively Manufactured Discriminator.	Miller, Sarah E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Moore, Brandon James [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331870	VO<sub>2</sub> thin films synthesis for collaborators and various applications.	Johnson, Raegan Lynn [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Clem, Paul G. [Sandia National	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331872	Pre-conceptual design of the Z-LLE accelerator.	Stygar, William A. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333270	Using Muons to Image the Subsurface.	Bonal, Nedra [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cashion, Avery Ted [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333271	DESALINATION AND WATER TREATMENT RESEARCH AT SANDIA NATIONAL LABORATORIES.	Rigali, Mark J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Miller, James E. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333272	Ceramic Seal.	Smarrt, Heidi A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Romero, Juan A. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333381	User Guidelines and Best Practices for CASL VUQ Analysis Using Dakota.	Adams, Brian M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Coleman, Kayla [North Carolina State Univ., Raleigh, NC (United	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333382	Shear dominated failure in the 'hat' specimen from the 2013 Sandia Fracture Challenge.	Corona, Edmundo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333485	Fundamental Scaling of Microplasmas and Tunable UV Light Generation.	Manginell, Ronald P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sillerud, Colin Halliday [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333486	Xyce Parallel Electronic Simulator Reference Guide Version 6.6.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aadithya, Karthik Venkatraman [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333487	Xyce Parallel Electronic Simulator Users' Guide Version 6.6.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aadithya, Karthik Venkatraman [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333488	Biosecurity through Public Health System Design.	Beyeler, Walter E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Finley, Patrick D. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333518	IC Post-Doctoral Fellowship Abstract and Bio.	Lacey, Randy [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333519	AE Recorder Characteristics and Development.	Partridge, Michael E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Curtis, Shane Keawe [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333520	A new approach to entangling neutral atoms.	Lee, Jongmin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martin, Michael J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1235212	DRSPALL: Impact of the Modification of the Numerical Spallings Model on Waste Isolation Pilot Plant Performance Assessment.	Kicker, Dwayne Curtis [Stoller Newport News Nuclear, Inc., Carlsbad, NM (United States)]; Herrick, Courtney G. [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236729	Coupling a Supercritical Carbon Dioxide Brayton Cycle to a Helium-Cooled Reactor.	Middleton, Bobby [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Pasch, James Jay [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1330205	Advanced Computational Methods for Thermal Radiative Heat Transfer	Tencer, John; Carlberg, Kevin Thomas; Larsen, Marvin E.; Hogan, Roy E.,	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1254275	Contingency Contractor Optimization Phase 3 Sustainment Requirements Document Contingency Contractor Optimization Tool - Prototype	Bandlow, Alisa; Durfee, Justin David; Frazier, Christopher Rawls; Jones, Katherine A; Gearhart, Jared Lee	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257618	Contingency Contractor Optimization Phase 3 Sustainment Database Design Document - Contingency Contractor Optimization Tool - Prototype	Frazier, Christopher Rawls; Durfee, Justin David; Bandlow, Alisa; Gearhart, Jared Lee; Jones, Katherine A	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257619	Contingency Contractor Optimization Phase 3 Sustainment Software Design Document - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David; Frazier, Christopher Rawls; Bandlow, Alisa; Jones, Katherine A	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1330929	Deep Borehole Disposal Safety Analysis.	Freeze, Geoffrey A.; Stein, Emily; Price, Laura L.; MacKinnon, Robert J.; Tillman, Jack Bruce	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331925	Development of Scanning Ultrafast Electron Microscope Capability.	Collins, Kimberlee Chiyoko [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Talin, Albert Alec [Sandia National Lab. (SNL-CA),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016



OSTI ID	Title	Author	Product Type	Site	Research Org	Publication Date
1234193	Conceptual Design for CLIC Gun Pulsar	Tang, Tao [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	1/8/2016
1245113	Resolving electrical conductivities from collisionally damped plasmons in isochorically heated warm dense aluminum	Sperling, P. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Fletcher, L. B. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	3/29/2016
1246329	Laboratory Directed Research and Development Program: FY 2015 Annual Report	SLAC,	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	4/4/2016
1248537	Preliminary Conceptual Design Report for the FACET-II Project at SLAC National Accelerator Laboratory	Hogan, Mark [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	4/22/2016
1253960	Scattering of X-Rays	Blume, M. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	5/16/2016
1254739	Cosmological Constraints on Decoupled Dark Photons and Dark Higgs	Berger, Joshua [Univ. of Wisconsin, Madison, WI (United States)]; Jedamzik, Karsten [Univ. Montpellier II (France). Lab. Univers. et Particules]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	5/23/2016
1263398	Implications of the 750 GeV $\tilde{t}\tilde{t}^*$ Resonance as a Case Study for the International Linear Collider	Fujii, Keisuke [High Energy Accelerator Research Organization (KEK), Tsukuba (Japan)]; Grojean, Christophe [Deutsches Elektronen-Synchrotron DESY, Hamburg (Germany)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	7/14/2016
1318068	Annual Site Environmental Report: 2015 (ASER) for the SLAC National Accelerator Laboratory	Sabba, Dellilah [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	9/1/2016
1238571	Report on Proton and Ion Beam measurements at the Matter in Extreme Condition (MCC) end station at SLAC National Accelerator Laboratory	Gauthier, M.; Goede, S.; Schumaker, W.; Roedel, C.; Galtier, E.; Glenzer, S.H.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	2/16/2016
1242467	COMPASS Accelerator Design Technical Overview	Nanni, Emilio; Dolgashev, Valery; Tantawi, Sami; Neilson, Jeff; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/14/2016
1249382	Ultrafast Science Opportunities with Electron Microscopy	DURR, HERMANN; Wang, X.J., ed.;	TR	SLAC	SLAC National Accelerator Laboratory	4/28/2016
1293666	IC at IC: IceCube can constrain the intrinsic charm of the proton	Laha, Ranjan; /KIPAC, Menlo Park /Stanford U., Phys. Dept. /SLAC; Brodsky, Stanley J.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	8/9/2016
1310026	Synthesis of Freestanding Single-crystal Perovskite Films and Heterostructures by Etching of Sacrificial Water-soluble Layers	Lu, Di; Baek, David J.; Hong, Seung Sae; Kourkoutis, Lena F.; Hikita, Yasuyuki; Hwang, Harold Y.;	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2016
1241296	Band gap opening in strongly compressed diamond observed by x-ray energy loss spectroscopy	Gamboa, E. J. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Fletcher, L. B. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	1/25/2016
1322154	Dark Matter Search in a Beam-Dump eXperiment (BDX) at Jefferson Lab	Battaglieri, M. [Univ. of Genova (Italy). National Institute for Nuclear Physics. et al]	TR	FNAL	SLAC National Accelerator Laboratory	7/5/2016
1263536	Construction Guidelines for High R-Value Walls without Exterior Rigid Insulation	Arena, Lois B. [Steven Winter Associates, Inc., Norwalk, CT (United States). Consortium for Advanced Residential Buildings]	TR	NREL	Steven Winter Associates, Inc., Norwalk, CT (United States)	7/13/2016