

**Attachment A: Projects in the BETHE (FOA No. DE-FOA-0002212) Program**

<b>Prime Recipient (Control No.)</b>	<b>Project Title</b>	<b>Categorical Exclusion</b>
<b>University of Washington (2212-1525)</b>	Demonstration of low-density, high-performance operation of sustained spheromaks and favorable scalability toward compact, low-cost fusion power plants	A9; B3.6
<b>Virginia Polytechnic Institute and State University (2212-1575)</b>	Capability team in theory, modeling, and validation for a range of innovative fusion concepts using high-fidelity moment-kinetic models	A9; B3.6
<b>Oak Ridge National Laboratory (2212-1516)</b>	Magnetic Field Vector Measurements Using Doppler-Free Saturation Spectroscopy	A9; B3.6
<b>Los Alamos National Laboratory (2212-1526)</b>	Electromagnetic and Particle Diagnostics for Transformative Fusion-Energy Concepts	A9; B3.6
<b>University of Rochester (2212-1512)</b>	A Simulation Resource Team for Innovative Fusion Concepts	A9
<b>Sapentai, LLC (2212-1543)</b>	Data-enabled Fusion Technology	A9
<b>University of Maryland, Baltimore County (2212-1546)</b>	Centrifugal Mirror Fusion Experiment	A9; B3.6
<b>University of Rochester (2212-1514)</b>	Advanced IFE Target Designs with the Next-Generation Laser Technologies	A9; B3.6
<b>Zap Energy, Inc. (2212-1531)</b>	Sheared Flow Stabilized Z-Pinch Performance Improvement	B3.6
<b>NK Labs, LLC (2212-1576)</b>	Conditions for High-Yield Muon Catalyzed Fusion	A9; B3.6; B3.15
<b>Princeton Plasma Physics Laboratory (2212-1556)</b>	Stellarator Simplification Using Permanent Magnets	A9; B3.6
<b>Los Alamos National Laboratory (2212-1507)</b>	Target Formation and Integrated Experiments for Plasma-Jet Driven Magneto-Inertial Fusion	A9; B3.6

**Attachment A: Projects in the BETHE (FOA No. DE-FOA-0002212) Program**

Prime Recipient (Control No.)	Project Title	Categorical Exclusion
<b>Massachusetts Institute of Technology (2212-1530)</b>	Radio Frequency tools for Breakthrough Fusion Concepts	A9
<b>Commonwealth Fusion Systems (2212-1544)</b>	Pulsed High Temperature Superconducting Central Solenoid For Revolutionizing Tokamaks	A9; B3.6
<b>University of Wisconsin-Madison (2212-1532)</b>	An HTS Axisymmetric Magnetic Mirror on a Faster Path to Lower Cost Fusion Energy	A9; B3.6
<b>Type One Energy Group, Inc. (2212- 1508)</b>	Demonstration High Temperature Superconducting Non-Planar Stellarator Magnet with Advanced Manufactured Assemblies	A9; B3.6