

2021 PROJECT PEER REVIEW

U.S. DEPARTMENT OF ENERGY
BIOENERGY TECHNOLOGIES OFFICE

Agenda: 2021 Project Peer Review

U.S. Department of Energy (DOE)
Office of Energy Efficiency and Renewable Energy (EERE)
Bioenergy Technologies Office (BETO)

March 8–12, 2021
March 15 and 16, 2021
March 22–26, 2021

(Agenda subject to change)

BETO PROGRAM AREA COLOR-CODED KEY

Advanced Algal Systems Program

Co-Optimization of Fuels and Engines (Co-Optima) Initiative

Conversion Technologies Program

- Agile BioFoundry Consortium
- Biochemical Conversion and Lignin Utilization
- Carbon Dioxide Utilization
- Catalytic Upgrading
- Performance-Advantaged Bioproducts, Bioprocessing Separations, and Plastics
- Organic Wastes

Data, Modeling, and Analysis Program

Feedstock-Conversion Interface Consortium

Feedstock Technologies Program

Systems Development and Integration Program

DAY 1 - MONDAY, MARCH 8, 2021			
OPENING PLENARY EVENT			
Start Time EST	End Time EST	Presentation Topic	Speaker
10:00 a.m.	10:20 a.m.	Gather, Tech Check, Networking Questions	
10:20 a.m.	10:40 a.m.	DOE, EERE, and Transportation Sector Overview and Administration Priorities	Michael Berube - Acting Deputy Assistant Secretary for Sustainable Transportation
10:40 a.m.	10:50 a.m.	Peer Review Introduction	Daniel Fishman - Peer Review Lead
10:50 a.m.	11:10 a.m.	BETO Overview	Valerie Reed - Acting Director
11:10 a.m.	11:25 a.m.	Data, Modeling, and Analysis Overview	Jay Fitzgerald - Chief Scientist
11:25 a.m.	11:35 a.m.	Break	
11:35 a.m.	11:50 a.m.	Feedstock Technologies Overview	Nichole Fitzgerald - Program Manager
11:50 a.m.	12:05 p.m.	Advanced Algal Systems Overview	Nichole Fitzgerald - Program Manager
12:05 p.m.	12:35 p.m.	Conversion Technologies Overview	Kevin Craig - Program Manager
12:35 p.m.	12:50 p.m.	Systems Development and Integration Overview	Jim Spaeth - Program Manager
12:50 p.m.	1:10 p.m.	Q&A and Discussion with Reviewers	Reviewers
1:10 p.m.	1:20 p.m.	Break	
1:20 p.m.	1:30 p.m.	Co-Optima Special Topic	Alicia Lindauer – Initiative Lead
1:30 p.m.	1:40 p.m.	Aviation and Marine Biofuels Special Topic	Zia Haq - Initiative Lead
1:40 p.m.	1:55 p.m.	Plastics Special Topic	Gayle Bentley - Initiative Lead
1:55 p.m.	2:10 p.m.	Carbon Utilization Special Topic	Ian Rowe - CO ₂ Lab Call Lead
2:10 p.m.	2:15 p.m.	Q&A and Conclusion of Plenary	Daniel Fishman - Peer Review Lead
2:15 p.m.	2:20 p.m.	Adjourn and Move to Technology Area Breakouts	<i>Moderator</i>
2:20 p.m.	5:30 p.m.	Biochemical Conversion and Lignin Utilization	Ian Rowe
2:30 p.m.	3:30 p.m.	Advanced Algal Systems	Christy Sterner

DAY 2 - TUESDAY, MARCH 9, 2021			
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS			
Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO Point of Contact (POC)
11:00 a.m.	2:35 p.m.	Advanced Algal Systems	Christy Sterner
10:45 a.m.	2:40 p.m.	Feedstock Technologies	Mark Elless
10:30 a.m.	5:10 p.m.	Biochemical Conversion and Lignin Utilization	Ian Rowe
10:20 a.m.	3:30 p.m.	Performance-Advantaged Bioproducts, Bioprocessing Separations, and Plastics	Gayle Bentley
10:00 a.m.	2:10 p.m.	Catalytic Upgrading	Trevor Smith
10:15 a.m.	4:45 p.m.	Agile BioFoundry Consortium	Jay Fitzgerald
9:45 a.m.	4:20 p.m.	Organic Waste	Beau Hoffman
11:00 a.m.	3:05 p.m.	Data, Modeling, and Analysis	Alicia Lindauer

DAY 3 - WEDNESDAY, MARCH 10, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:00 a.m.	2:55 p.m.	Advanced Algal Systems	Christy Sterner
10:00 a.m.	12:00 p.m.	Feedstock Technologies	Liz Burrows
10:30 a.m.	4:50 p.m.	Biochemical Conversion and Lignin Utilization	Ian Rowe
10:35 a.m.	4:15 p.m.	Performance-Advantaged Bioproducts, Bioprocessing Separations, and Plastics	Gayle Bentley
10:00 a.m.	2:00 p.m.	Catalytic Upgrading	Trevor Smith and Sonia Hammache
10:15 a.m.	3:15 p.m.	Agile BioFoundry Consortium	Jay Fitzgerald
9:45 a.m.	3:30 p.m.	Organic Waste	Beau Hoffman
11:00 a.m.	2:20 p.m.	Data, Modeling, and Analysis	Alicia Lindauer

DAY 4 - THURSDAY, MARCH 11, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:00 a.m.	2:25 p.m.	Advanced Algal Systems	Christy Sterner
10:15 a.m.	1:35 p.m.	Feedstock Technologies	Mark Elless
11:50 a.m.	3:15 p.m.	Performance-Advantaged Bioproducts, Bioprocessing Separations, and Plastics	Gayle Bentley
10:00 a.m.	3:25 p.m.	Catalytic Upgrading	Trevor Smith and Sonia Hammache
10:15 a.m.	3:00 p.m.	Agile BioFoundry Consortium	Jay Fitzgerald
10:30 a.m.	5:35 p.m.	CO ₂ Utilization	Ian Rowe
11:00 a.m.	1:50 p.m.	Data, Modeling, and Analysis	Alicia Lindauer

DAY 5 - FRIDAY, MARCH 12, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
10:15 a.m.	2:40 p.m.	Feedstock Technologies	Liz Burrows
10:00 a.m.	12:35 p.m.	Catalytic Upgrading	Trevor Smith and Sonia Hammache
10:30 a.m.	2:15 p.m.	Data, Modeling, and Analysis	Alicia Lindauer

DAY 6 - MONDAY, MARCH 15, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
12:15 p.m.	3:15 p.m.	Co-Optima Initiative	Alicia Lindauer
11:30 a.m.	3:55 p.m.	Feedstock-Conversion Interface Consortium	Liz Moore

DAY 7 - TUESDAY MARCH 16, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
12:15 p.m.	3:45 p.m.	Co-Optima Initiative	Alicia Lindauer
11:30 a.m.	5:10 p.m.	Feedstock-Conversion Interface Consortium	Liz Moore

DAY 8 - MONDAY, MARCH 22, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:00 a.m.	3:00 p.m.	Advanced Algal Systems	Christy Sterner
11:15 a.m.	3:55 p.m.	Systems Development and Integration	Liz Moore

DAY 9 - TUESDAY, MARCH 23, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:00 a.m.	3:15 p.m.	Advanced Algal Systems	Christy Sterner
11:15 a.m.	6:00 p.m.	Systems Development and Integration	Liz Moore

DAY 10 - WEDNESDAY MARCH 24, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:00 a.m.	3:25 p.m.	Advanced Algal Systems	Christy Sterner
11:15 a.m.	6:00 p.m.	Systems Development and Integration	Liz Moore

DAY 11 - THURSDAY, MARCH 25, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:15 a.m.	6:00 p.m.	Systems Development and Integration	Liz Moore

DAY 12 - FRIDAY, MARCH 26, 2021
PARALLEL TECHNOLOGY AREA PROJECT REVIEW SESSIONS

Start Time EST	End Time EST	Presentation Topic	Moderator
		Gather, Tech Check, Networking Questions - 30 Min Ahead of Each Session	BETO POC
11:15 a.m.	4:40 p.m.	Systems Development and Integration	Liz Moore