

# MICROREACTOR PROGRAM VIRTUAL WORKSHOP

Purpose: Inform advanced nuclear technology developers and stakeholders of accomplishments and future plans, as well as solicit feedback on microreactor developer needs



August 18-19, 2020

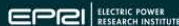
## Agenda

**August 18, 2020: 9:00 a.m. – 2:00 p.m. MDT**

Time	Description	Presenter(s)
<b>8:30 a.m.</b>	<b>Day 1 Presenters log on and test systems</b>	
9:00 a.m.	Opening Remarks	Alice Caponiti, DOE
9:05 a.m.	DOE Mission and Strategy	Tom Sowinski, DOE
9:20 a.m.	Microreactor Program Overview and Needs	Jess Gehin, INL
9:50 a.m.	Q&A	
10:00 a.m.	Microreactor Market Studies	David Shropshire, INL
10:20 a.m.	Q&A	
<b>10:30 a.m.</b>	<b>Break</b>	
10:40 a.m.	Non-Nuclear Testing – MAGNET Facility	Terry Morton, INL
11:00 a.m.	Q&A	
11:10 a.m.	Microreactor Applications Testing – MARVEL Project	Yasir Arafat, INL
11:30 a.m.	Q&A	
<b>11:40 a.m.</b>	<b>Break</b>	
11:50 p.m.	Technology Maturation Panel <ul style="list-style-type: none"> <li>• Moderators</li> <li>• Materials</li> <li>• Instrumentation and Sensors</li> <li>• Control Systems</li> <li>• Heat Removal and Validation Studies</li> <li>• Legacy Fuel Qualification Update</li> </ul> Q&A	Jess Gehin, INL Erik Luther, LANL John Carpenter, LANL Troy Unruh, INL Antony Crawford, INL Holly Trelle, LANL Latif Yacout, ANL
1:10 p.m.	Regulatory – Integrated Approach	Jim Kinsey, INL
1:30 p.m.	Q&A	
2:00 p.m.	Adjourn	

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**August 19, 2020: 9:00 a.m. – 2:00 p.m. MDT**

Time	Description	Presenter(s)
<b>8:30 a.m.</b>	<b>Day 2 Presenters log on and test systems</b>	
9:00 a.m.	Welcome / Purpose of Day 2	Everett Redmond, NEI Marc Nichol, NEI Andrew Sowder, EPRI
9:10 a.m.	<ul style="list-style-type: none"> <li>NEI – Microreactor Considerations</li> </ul>	
9:30 a.m.	<ul style="list-style-type: none"> <li>EPRI – Industry Perspective</li> </ul>	
10:00 a.m.	To Be Announced	
10:20 a.m.	<ul style="list-style-type: none"> <li>Discussion</li> </ul>	
10:30 a.m.	To Be Announced	
10:50 a.m.	<ul style="list-style-type: none"> <li>Discussion</li> </ul>	
<b>11:00 a.m.</b>	<b>Break</b>	
11:10 a.m.	Microreactor Research Areas - Developer Panel Session <ul style="list-style-type: none"> <li>Operational Control (Remote/Autonomous)</li> <li>Instrumentation</li> <li>Considerations for Remote Locations</li> <li>Advanced Manufacturing Techniques</li> <li>Transportability (fixed installation/mobile reactor)</li> <li>Structural materials</li> </ul>	Everett Redmond
<b>12:30 p.m.</b>	<b>Break</b>	
12:40 p.m.	Customer Perspective – Panel Discussion	
1:40 p.m.	Summary	Everett Redmond, NEI Jess Gehin, INL
2:00 p.m.	Adjourn	