

Fusion Energy Sciences Advisory Committee Meeting

August 30-31, 2021

The meeting will be conducted remotely using ZOOM

AGENDA

August 30		
Time	Topic	Speaker
11:00 a.m. EDT	News from the Office of Science	Dr. Stephen Binkley Acting Director Office of Science
11:15 a.m.	Welcome and Opening Remarks	Dr. Donald Rej FESAC Chair Los Alamos National Laboratory
11:30 a.m.	FES Perspective	Dr. James Van Dam Associate Director for Fusion Energy Sciences
12:45 p.m.	Lunch	
1:45 p.m.	Update on the FESAC Long Range Planning Report	Professor Troy Carter FESAC Subcommittee Chair University of California, Los Angeles
2:30 p.m.	NASEM Report: Bringing Fusion to the U.S. Grid (2021)	Dr. Richard Hawryluk and other NASEM Committee Members Senior Physicist Princeton Plasma Physics Laboratory
3:30 p.m.	Break	
3:45 p.m.	Taming Plasmas and Controlling Laser Beams for Grand Challenge Applications	Professor Dustin Froula Ernest Orlando Lawrence Award Winner University of Rochester
4:30 p.m.	Public Reusable Research (PuRe) Data Resources	Dr. Michael Cooke, Senior Technical Advisor Office of the Deputy Director for Science Programs
5:00 p.m.	Recent Inertial Confinement Fusion Results from the National Ignition Facility	Dr. Mark Herrmann Deputy Program Director for Fundamental Weapons Physics Lawrence Livermore National Laboratory
5:30 p.m.	Adjourn	

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AGENDA (cont'd)

August 31		
Time	Topic	Speaker
11:00 a.m. EDT	Overview of the Office of Science High Energy Physics Program	Dr. James Siegrist Associate Director for High Energy Physics
12:00 noon	Innovation Network for Fusion Energy: Past Performance, Future Plans, and Lessons Learned	Dr. Dennis Youchison, INFUSE Director Oak Ridge National Laboratory Dr. Ahmed Diallo, INFUSE Deputy Director Princeton Plasma Physics Laboratory
12:45 p.m.	Lunch	
2:00 p.m.	Status of US ITER	Dr. Kathryn McCarthy Associate Laboratory Director for the Fusion and Fission Energy and Science Directorate Oak Ridge National Laboratory
2:45 p.m.	X-ray Light Sources Driven by Laser-plasma Accelerators for High Energy Density Science	Dr. Félicie Albert Presidential Early Career Award for Scientists and Engineers Winner Lawrence Livermore National Laboratory
3:15 p.m.	Break	
3:30 p.m.	Office of Science User Facilities: Lessons Learned from the COVID Era and Visions for the Future	Dr. Lijuan Ruan Co-spokesperson RHIC's STAR Experiment Brookhaven National Laboratory
4:15 p.m.	Public Comment	Dr. Donald Rej
4:45 p.m.	Adjourn	