

Thursday, December 16, 2021

Time (EST)	Event	Speaker
10:00 - 10:10 am	<b>Welcome from INFUSE/FES</b>	D. Youchison (ORNL) A. Diallo (PPPL)
10:10 - 10:40 am	<b>INFUSE Program Update</b>	D. Youchison (ORNL)
10:40 - 11:10 am	<b>Mechanics for University Involvement - Q&amp;A</b>	D. Clark (FES)
11:10 - 11:50 am	<b>Overview Lab Capabilities [ (7+3) mn each]</b>	
	Update on activities and capabilities at LBNL	S Gourlay -LBNL
	Idaho National Laboratory, Fusion Nuclear Science R&D Capabilities	M. Shimada - INL
	Update on facilities and activities at BNL	R. Gupta - BNL
	Fusion Research Capabilities at LLNL	A. Dimits - LLNL
11:50 - 12:20 pm	<b>Break</b>	
12:20 - 12:40 pm	<b>Brief overview FIA</b>	A. Holland (FIA)
12:40 - 01:20 pm	<b>Overview University Capabilities [ (7+3) mn each]</b>	
	SSX capabilities (experiment and simulation)	M. Brown - Swarthmore College
	Fusion science and technology at Scale	M. Campbell - University of Rochester
	Capabilities in Fusion/Plasma Science and Technology	T. Carter - UCLA
	Capabilities at the ASC/NHMFL for the development of HTS Fusion Magnet Technologies	D. Larbalestier - FSU
01:20 - 01:40 pm	<b>Data Mobility via the Energy Sciences Network</b>	J. Zurawski (ESNET)
01:40 - 01:50 pm	<b>Brief Overview of Stellar Energy Foundation</b>	M. Miller/J. Treu
01:50 - 01:55 pm	<b>Break</b>	
01:55 - 02:45 pm	<b>INFUSE Participants - Presentations [PIs, (7+3) mn each] Chair: A. Holland</b>	
	Divertor Plasma Simulations	A. Kuang (CFS)
	Divertor Component Testing	M. Reinke(CFS)
	SPARC 3D Field Physics and Support of the Non-Axisymmetric Coil Assessment	A. Creely (CFS)
	Progress report on Staged Z-pinch modeling/comparison with the HYDRA and MACH2	H. Rahman (MIFT)
	Progress towards advanced modeling tools to explore HTS CORC(R) wire performance and guide its further optimization	D. v.d. Laan (ACT)
02:45 - 03:05 pm	<b>RFA announcement Q&amp;A</b>	D. Youchison (ORNL)
03:05 - 03:30 pm	<b>Closing remarks Feedbacks - Q&amp;A - Adjourn</b> (A. Diallo - PPPPL )	