

Thursday, December 16, 2021

Time (EST)	Event	Speaker
10:00 - 10:10 am	Welcome from INFUSE/FES	D. Youchison (ORNL) A. Diallo (PPPL)
10:10 - 10:40 am	INFUSE Program Update	D. Youchison (ORNL)
10:40 - 11:10 am	Mechanics for University Involvement - Q&A	D. Clark (FES)
11:10 - 11:50 am	Overview New Lab Capabilities [(7+3) mn each] Chair: A. Diallo	
	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	Break	
12:20 - 12:40 pm	Brief Overview FIA	A. Holland (FIA)
12:40 - 01:20 pm	Overview University Capabilities [(7+3) mn each] Chair: D. Youchison	
	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	Data Mobility via the Energy Sciences Network	J. Zurawski (ESNET)
01:40 - 01:50 pm	Brief Overview of Stellar Energy Foundation	M. Miller/J. Treu
01:50 - 01:55 pm	Break	
01:55 - 02:45 pm	INFUSE Participants - Presentations [PIs, (7+3) mn each] Chair: A. Holland	
	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 codes	E. Ruskov (MIFTI)
	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	RFA announcement Q&A	D. Youchison (ORNL)
03:05 - 03:30 pm	Closing remarks Feedbacks - Q&A - Adjourn (A. Diallo - PPPPL)	