

Agenda for High Magnet Fields Committee

Site Visit

September 29, 2023

September 29, 2023 Session 1		
9:00 am ET/ 6:00 am PT	Opening Remarks National Academies Staff Peter Littlewood University of Chicago	
9:10 am ET/ 6:10 am PT	Topic: Materials and Supply Chain for HTS and Magnets. Critical Materials Institute Speaker: David Parker, Oak Ridge National Laboratory Q&A moderated by Anna Leese de Escobar and Yuhu Zhai	15 mins 15 mins
9:40 am ET/ 6:40 am PT	Topic: User Programs with the National High Magnetic Field Laboratories Speakers: Suchitra Sebastian [University of Cambridge] Stuart Brown , [UCLA] Q&A moderated by Valeria Lauter and Satoshi Awaji	30 mins 30 mins
10:45 am ET/ 7:45 am PT	Morning Coffee Break	15 mins

Session 2: Panel on Pulsed Fields		
11:00 am ET/ 8:00 am PT	<p>Topic: Update on Research at National High Magnetic Field Laboratories in Pulsed Magnetic Fields</p> <p>Laurel Winter [Los Alamos National Laboratory] Scott Crooker [Los Alamos National Laboratory] Fedor Balakirev [Los Alamos National Laboratory] Doan Nguyen [Los Alamos National Laboratory]</p> <p>Q+A moderated by Chuck Mielke and Michael Janicke</p>	40 mins 20 mins
12:00 pm ET/ 9:00 am PT	LUNCH BREAK	60 mins
Session 3: Panel on Spectroscopy and Imaging		
1:00 pm ET/ 10:00 am PT	<p>Topic: Nuclear Magnetic Resonance</p> <p>Rob Schurko (NMR), [NHMFL, FSU] Joanna Long (MRI), [NHMFL, UF] Sam Grant (MRI), [NHMFL, FSU]</p> <p>Q+A moderated by Amber Balazs and Peter Roemer</p>	30 mins 30 mins
2:00 pm ET/ 11:00 am PT	<p>Topic: Electron Spin Resonance and Ion Cyclotron Resonance</p> <p>Steve Hill (EPR), [NHMFL, FSU] Chris Hendrickson (ICR), [NHMFL, FSU]</p> <p>Q+A moderated by Kathleen Amm and Yuhu Zhai</p>	30 min 30 min
3:00 pm ET	Adjourn public session	