

	Monday, August 12	Workshops/Tutorials available
4-6p	User Meeting Poster Session and Student Poster Competition - Reception, SNS Lobby	
	Tuesday, August 13	
8-9a	User Group Town Hall Breakfast Meeting - SNS Atrium <i>opportunity for questions/discussions with User Executive Committee members</i>	
9:00	WELCOME AND ANNOUNCEMENTS - SNS Auditorium Sean Hearne, CNMS Director	
9:30	Plenary Lecture I, SNS Auditorium Mitra Taheri, Drexel University <i>Intelligent, Multiscale Microscopy: Predictive Understanding of Materials in Extreme Environments</i>	
10:20	Break	
	TRACK A: Room C-156 Energy Storage and Conversion	TRACK B: SNS Auditorium Quantum Materials
10:30	INVITED: Hanna Cho (Ohio State U.) <i>Recent Advancement of Atomic Force Microscopy and Its Applications to Bio/Energy Material Research</i>	10:30 Liangbo Liang (Oak Ridge National Laboratory) <i>PdSe₂: A Pentagonal Layered Material Bridging the Gap between 2D and 3D Materials</i>
11:10	Yixuan Dou (U. Tennessee) <i>Exploring Photoinduced Dielectric Polarization in Organic-Inorganic Halide Perovskites</i>	10:55 Hanna Terletska (Middle Tennessee State U.) <i>Numerical Studies of Electron Localization in Quantum Materials</i>
11:35	Jisue Moon (Oak Ridge National Laboratory) <i>Understanding Structure Evolutions over Ru-Loaded 3D Electride during Ammonia Synthesis by in situ Neutron Diffraction</i>	11:20 INVITED: Pinshane Huang (U. Illinois, Urbana Champaign) <i>Characterizing 2D Materials with Picometer Precision with Aberration-Corrected Scanning Transmission Electron Microscopy</i>
12:00	Lunch on your own; Posters available for viewing	
12:15	Lunch and Learn with Jacqui Weeks: Special lecture for Postdocs and Students, C-156 <i>How to Win Friends, Influence People, and Write Better User Proposals (Space limited, pre-registration required)</i>	
	TRACK A: Room C-156 Energy Storage and Conversion <i>Continued</i>	TRACK C: SNS Auditorium Applied Machine Learning
2:00	Matthew Boebinger (Georgia Institute of Technology) <i>In Situ TEM for Understanding Chemo-Mechanical Degradation in Battery Materials</i>	2:00 INVITED: Tess Smidt (Lawrence Berkeley National Lab.) <i>Toward the Systematic Generation of Hypothetical Atomic Structures: Geometric Motifs and Neural Networks</i>
2:25	Feng-Yuan Zhang (U. Tennessee) <i>MoS₂ Nanosheets with Boosted Catalytic Performance for Hydrogen Evolution Reaction</i>	2:40 Thomas Blum (U. California, Irvine) <i>Machine Learning for Challenging EELS and EDS Spectral Decomposition</i>
2:50	INVITED: Scott Geyer (Wake Forest U.) <i>Putting Atoms in the Right Place for Catalysis: Atomic Templating of Transition Metals with P and B for Synthesis of Renewable Fuels</i>	3:05 Joshua Agar (Lehigh U.) and Rama Vasudevan (ORNL) <i>Data-Driven Approaches for Experimental Science</i>
3:30	Break	
3:40	Plenary Lecture II, SNS Auditorium Rampi Ramprasad , Georgia Institute of Technology <i>Polymer Genome: A Machine Learning Platform for Rational Polymer Design</i>	
4:30	Announcement of Student Poster Winners - SNS Auditorium	
4:45	Adjourn	
	Wednesday, August 14	Workshops/Tutorials available

