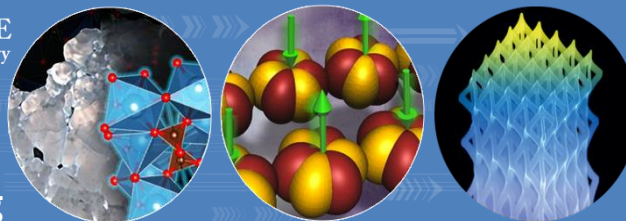


Monday, July 31: Workshop/Tutorial Day 1

Lunch on your own

8:30 a.m.–5:30 p.m.	Synthesis and Collective Phenomena in 2D Layered Materials
8:30 a.m.–5:30 p.m.	Active Matter at the Center for Nanophase Materials Sciences
9:00 a.m.–TBA	Sample Environment and You: How to prepare for your experiment
9:00 a.m.–TBA	High Performance Computing Resources for Neutron and Nano Users
9:00 a.m.–5:30 p.m.	Single Crystal Tutorial: Slicing single crystal inelastic and diffuse scattering with w/Mantid
9:00 a.m.–5:30 p.m.	SaSView tutorial

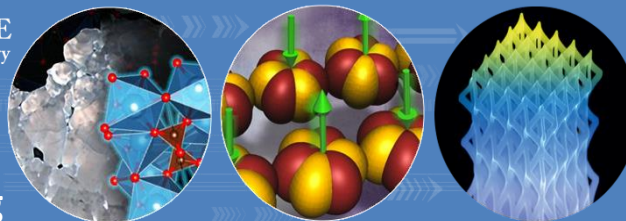


2017 Joint Nanoscience and Neutron Scattering User Meeting

AGENDA

Tuesday, August 1: Main Meeting Day 1

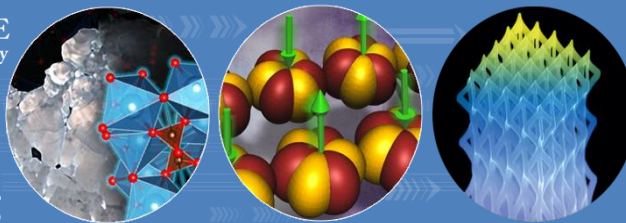
8:00 a.m.	Registration Opens Sign-up for Tour of SNS and CNMS (until 10:00AM)					
9:00 a.m.–12:00 p.m.	Welcome and Plenary Session A					
9:00 a.m.	ORNL Welcome					
9:10 a.m.	Neutron Scattering Facilities Overview – Alan Tennant					
9:45 a.m.	Karen Winey: “Neutron Scattering in Precise Associating Polymers and Polymer Nanocomposites”					
10:45 a.m.	Break					
11:00 a.m.	Martha Greenblatt: “Designing Polar and Magnetic Oxides in the $A_2BB'O_6$ System”					
12:00–2:00 p.m.	Lunch on your own and Poster Viewing					
12:00–12:45 p.m.	SHUG Town Hall Meeting (open to all)					
1:00–2:00 p.m.	Tour of SNS and CNMS facilities on Chestnut Ridge; board bus outside <i>[Sign up 8:00-10:00AM at Registration Desk]</i>					
2:00–5:30 p.m. Parallel Oral Sessions	Joint Session: Hard Materials	Focus on Nanoscience	Focus on Neutron Scattering			
				Chemical and Engineering Materials	Materials for Sustainability and the Environment	
	2:00 p.m.	Jacob Jones	Lincoln Lauhon	2:00	Jennifer Rupp	Hans-Conrad zur Loye
	2:35 p.m.	Huifang Xu	Akinola Oyedele	2:35	Mehdi Rashidi	Bernadette Cladek
	2:55 p.m.	Shuai He	Petro Maksymovych	2:55	Paul Tanaji	Zhenye Kang
	3:15 p.m.	Break		3:15	Break	Shiba Prasad Adhikari
	3:35 p.m.	Break		3:35	Break	
	3:50 p.m.	Kate Page	Evgheni Strelcov	3:50	Fankang Li	Andrew Stack
	4:10 p.m.	Zachary Hood	Tengfei Yang	4:25	Patrick Geoghegan	Ngoc Nguyen
	4:30 p.m.	J. Balachandran	Eva Mutunga	4:45	Robert Minneci	Mingda Li
	4:50 p.m.	Edwin Fohitung	Michael Filler	5:05	Break	Wei Lai
5:30–7:00 p.m.	Poster session– light refreshments provided					



2017 Joint Nanoscience and Neutron Scattering User Meeting

AGENDA

Wednesday, August 2: Main Meeting Day 2						
8:00 a.m.	Registration Opens Sign-up for Tour of HFIR and CNMS Advanced Microscopy facility (until 10:00AM)					
9:00 a.m.–12:00 p.m.	Plenary Session B					
9:00 a.m.	CNMS Overview – Hans Christen					
9:35 a.m.	Sanat Kumar: “Polymer-Grafted Nanoparticle Membranes with Controllable Free-Volume”					
10:35 a.m.	Break					
11:00 a.m.	Andrew Minor: “Probing local strain and orientation during in situ TEM deformation with scanning nanobeam electron diffraction”					
12:00–2:00 p.m.	Lunch on your own and Poster Viewing					
12:00–12:30 p.m.	CNMS Town Hall Meeting with User Executive Committee (open to all)					
12:00–1:00 p.m.	Panel Discussions on Sample Environments and Data Visualization for Neutron Scattering					
1:00–2:00 p.m.	Tour of HFIR and CNMS Advanced Microscopy facility; board bus outside <i>[Sign up 8:00-10:00AM at Registration Desk]</i>					
2:00–5:30 p.m. Parallel Oral Sessions	Joint Session: Soft and Bio Materials	Focus on Nanoscience	Focus on Neutron Scattering			
			Data analysis, visualization, and modeling	Quantum Phenomena		
	2:00 p.m.	Dvora Perahia	Tim Long	2:00	Joseph Curtis	Alannah Hallas
	2:35 p.m.	Joseph Najem	Matthew Boebinger	2:35	Debsindhu Bhowmik	Chetan Dhital
	2:55 p.m.	Susana Teixeira	Joshua Agar	2:55	Yawei Hui	Sunil Karna
	3:15 p.m.	Jason Dugger	Sabine Neumayer	3:15	Break	Luwei Ge
	3:35 p.m.	Break		3:35	Break	
	3:50 p.m.	Yang Zhang	Fernand Torres-Davila	3:50	Rick Archibald	Dispanshu Bansal
	4:10 p.m.	V. Korolovych	Zhenhua Shi	4:25	Edmund Perfect	Alberto Nocera
	4:30 p.m.	Alison Pawlicki	Zhiqi Hu	4:45	Shelby Stavretis	Adane Gebretsadik
4:50 p.m.	Diana Mitrea	Natalie Stingelin	5:05	Break	Qiang Zhang	
5:30–7:00 p.m.	Reception at Shull Wollan Center– Buses depart at 5:45 p.m.					



Thursday, August 3: Workshop/Tutorial Day 2

Lunch on your own

9:00 a.m.–5:30 p.m.	Materials Informatics – Accelerating atomistic design and discovery of new materials and concepts via big-data analytics
9:00 a.m.–5:30 p.m.	Live Lab Demo and Tutorial on Atom Probe Tomography and Scanning Transmission Electron Microscopy
9:00 a.m.–TBA	Polarized Neutron Capabilities at ORNL
9:00 a.m.–5:30 p.m. (August 3 rd)	Liquids Reflectometry and Large Scale Structures NOTE: Ends on Friday, August 4 th
9:00 a.m. 12:00 p.m. (August 4 th)	
9:00 a.m.–TBA	Upcoming New Tools for Structure and Dynamics
9:00 a.m.–5:30 p.m.	Single Crystal Tutorial: Slicing single crystal inelastic and diffuse scattering with w/Mantid
9:00 a.m.–5:30 p.m.	SaSView tutorial