

Live Streaming Webinar Q&A Sessions

Invited and Oral Talk Question and Answer Sessions provide valuable opportunities to stay connected and ask questions of authors. Be sure to view presentations prior to the scheduled Q&A sessions so that you can be better prepared with your questions. Every Invited and Oral Talk presenter will include a 10-minute time slot for Q&A.

Wednesday, July 15 Q&A Webinar II

Times	Final ID #	First Name	Last Name	Affiliation	Talk Title	Session Title
WITHDRAWN 1:30 pm - 1:40 pm	A04.02.01	Xiaoping	Wang	Oak Ridge National Laboratory	Fine Tuning As-Built Neutron Guide for Time-of-Flight Laue Single Crystal Diffraction	A04.02 – Instrument Development and Optimization III
1:40 pm - 1:50 pm	A04.02.02	Hao	Qu	Momentive	50 Years of Highly Oriented Pyrolytic Graphite Applied to Neutron Scattering Instrumentation	
1:50 pm - 2:00 pm	A04.02.03	David	Swenson	American Physics and Technology llc	A First Demonstration of the Use of Gas Cluster Ion Beams (GCIB)—An Innovative Surface-Modification Nanotechnology for Improving the Performance of Neutron Supermirror Optics	
2:00 pm - 2:10 pm	A04.02.04	Lowell	Crow	Oak Ridge National Laboratory	Development Beamlines at the High Flux Isotope Reactor	

2:10 pm - 2:20 pm	A04.02.05	Kyle	Grammer	Oak Ridge National Laboratory	The Effects of Microstructure in Neutron Beam Window Materials on Neutron Beam Properties	
2:20 pm - 2:30 pm	A04.02.06	Jay	Cremer	Adelphi Technology, Inc.	Neutron Instruments Using HiTc Superconductors (1) Wide Angle Spin Echo, (2) Wollaston Prisms Combined with RF Flippers, Multiplexing Focusing Analyzer for Efficient Stress-Strain Measurements, Plant Roots/Soil Imaging with Grating Optics Combined with Compact Thermal Neutron Source and Magnetic Compound Refractive Lenses for Neutron Microscopy	
MOVED TO TUESDAY (WEBINAR II) 4:20 PM – 4:30 PM G03.01.07		Richard	Livingston	University of Maryland	Preliminary Investigation of Chinese Jade Sourcing Using Cold Neutron Prompt Gamma Activation Analysis (CNPAA)	
2:40 pm - 2:50 pm	C04.02.01	Brian	Habersberger	Dow Inc	Enabling SANS on Disperse, Non-Uniformly Labeled Polymers	C04.02 – Structure and Dynamics of Polymers and Composites
2:50 pm - 3:00 pm	C04.02.02	Howard	Wang	University of Maryland, Songshan Lake Materials Laboratory	Structure and Dynamics of Polysaccharides	
3:00 pm - 3:10 pm	C04.02.04	Antonio	Faraone	National Institute of Standards and Technology	QENS Insights on the Nanoscopic Origin of Rheological Properties in Polyethylene Oxide Based Polymer Nanocomposites	

3:10 pm - 3:20 pm	C04.02.05	Mark	Dadmun	The University of Tennessee, Oak Ridge National Laboratory	Neutron Reflectivity Studies of Soft Nanoparticle Tracer Diffusion Coefficients in All Polymer Nanocomposites	
3:20 pm - 3:30 pm	D04.01.01	Tatiana	Rostovtseva	National Institutes of Health	A Mitochondrial Throttle—Lipid-Mediated Protein Complexes at the Mitochondrial Surface Studied by Neutron Reflectivity	D04.01 – Biology and Biotechnology II
3:30 pm - 3:40 pm	D04.01.02	John	Katsaras	Oak Ridge National Laboratory	Using Deuterium to Determine the Nanoscale Structure of Biomembranes	
3:40 pm - 3:50 pm	D04.01.03	Minh	Phan	Oak Ridge National Laboratory	Interfacial Interactions between Styrene-Maleic Acid Copolymers and Galactolipid-Containing Membranes—X-Ray and Neutron Reflectivity Studies	
3:50 pm - 4:00 pm	D04.01.04	Charles	Collier	Oak Ridge National Laboratory	SANS Probes of Nanoheterogeneities in Natural Plasma Membrane Models	
4:00 pm - 4:10 pm	D04.01.05	Flora	Meilleur	North Carolina State University, Oak Ridge National Laboratory	Characterization of Biomass-Degrading Enzymes Using Neutron Diffraction and Scattering	
4:10 pm - 4:20 pm	D04.01.06	Leighton	Coates	Oak Ridge National Laboratory	Ewald—A Macromolecular Diffractometer for the Second Target Station	
4:20 pm - 4:30 pm	A04.01.01	Yan	Wu	Oak Ridge National Laboratory	An Overview over High Pressure Development and High Pressure Neutron Studies at Oak Ridge National Laboratory	A04.01 – Sample Environment Development

4:30 pm - 4:40 pm	A04.01.02	Norman	Wagner	University of Delaware, STF Technologies LLC	4D Rheo-SANS Sample Environment for Soft Matter, Biology and Materials Processing	
4:40 pm - 4:50 pm	A04.01.03	Mark	Bird	Florida State University	Ultra-High Field Magnets for Neutron Scattering	
WITHDRAWN 4:50 pm - 5:00 pm	A04.01.04	Ramesh	Gupta	Brookhaven National Laboratory	High Field Magnet R&D for Neutron Scattering Magnets	
5:00 pm - 5:10 pm	A04.01.05	Dante	Quirinale	Oak Ridge National Laboratory	Ultra-High Temperature Neutron Scattering at Oak Ridge National Laboratory	
5:10 pm - 5:20 pm	A04.01.06	Timothy	Reeder	Johns Hopkins University	Microwave Stimulated Inelastic Neutron Scattering in Cr8	
5:20 pm - 5:30 pm	C04.01.01	Matthew	Helgeson	University of California, Santa Barbara	Using Neutrons to Probe the Formation and Structure of Multi-Phase Nanoemulsions	C04.01 – Emulsions, Suspensions and Micellar Systems
5:30 pm - 5:40 pm	C04.01.02	Jiamin	Zhang	University of California, Santa Barbara	Assessing Shear-Induced Scission of Wormlike Micelles Using Flow-SANS	
5:40 pm - 5:50 pm	C04.01.03	Lilo	Pozzo	University of Washington	Kinetic Analysis of Oil Exchange between Surfactant-Stabilized Emulsions Using Time-Resolved Small Angle Neutron Scattering	
6:00 pm - 6:10 pm	C04.01.04	Adam	Imel	The University of Tennessee, Knoxville	Structural Characterization of Polysorbate-20 Microemulsions Using Small Angle Neutron Scattering	

6:10 pm - 6:20 pm	C04.01.06	Julie	Hipp	University of Delaware	Microstructure and Rheology of Thixotropic Carbon Black Suspensions by Rheo-SANS and Rheo-USANS	
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A - Advances in Neutron Facilities, Instrumentation and Software

B - Hard Condensed Matter

C - Soft Matter

D - Biology and Biotechnology

E - Materials Chemistry and Energy

F - Structural Materials and Engineering

G - Emerging Applications and Neutron Scattering in Engineering, Arts and Sciences

H - Neutron Physics