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.

Tuesday, July 14
Q&A Webinar II

Times	Final ID #	First Name	Last Name	Affiliation	Talk Title	Session Title
1:30 pm - 1:40 pm	C03.01.01	Zhiqiang	Cao	University of Southern Mississippi, Oak Ridge National Laboratory	Decouple Conjugated Polymer's Backbone and Sidechain Conformation by Selective Deuteration and Neutron Scattering	C03.01 – Student Research Spotlight
1:40 pm - 1:50 pm	C03.01.02	Caitlyn	Wolf	University of Washington	Structural Analysis of Polythiophene-Polystyrene Blends via Small-Angle Neutron Scattering	
1:50 pm - 2:00 pm	C03.01.03	Nairiti	Sinha	University of Delaware, National Institute of Standards and Technology	Exotic Hybrid Polymers of Computationally Designed Coiled Coil Bundlemers—A Structure and Dynamics Study Using Neutrons	
2:00 pm - 2:10 pm	C03.01.04	Ying-Heng	Tein	University of Delaware	Investigating Interfacial Monolayers and Their Path Dependent Isotherms via Combined Neutron Reflectivity and Interfacial Rheology Technique	
2:10 pm - 2:20 pm	C03.01.06	Tanvi	Sheth	University of California, Santa Barbara	Anomalous Fast Dynamics of Water-in-Oil Microemulsions Probed via Neutron Spin Echo	

2:20 pm - 2:30 pm	C03.01.07	Yadu Krishnan	Sarathchandran	University of Tennessee, Knoxville	Real Space Study of Liquid Dynamics Using Neutron Scattering	
2:30 pm - 2:40 pm	A03.01.01	David	Hoogerheide	National Institute of Standards and Technology	First Measurements at the CANDOR Polychromatic Reflectometer	A03.01 – Instrument Development and Optimization II
2:40 pm - 2:50 pm	A03.01.02	Henrik	Ronnow	EPFL	The CAMEA and BiFrost Massively Multiplexed Crystal Analyzer Sectrometers	
2:50 pm - 3:00 pm	A03.01.03	Leland	Harriger	National Institute of Standards and Technology	Update on the NG-5 Cold Neutron Quantum Materials Spectrometer at the NCNR	
3:00 pm - 3:10 pm	A03.01.04	Marcus	Daum	Georgia Institute of Technology	A Multi-Analyzer Triple Axis (MANTA) Spectrometer for the HFIR at ORNL	
3:10 pm - 3:20 pm	A03.01.05	Margarita	Russina	Helmholtz-Zentrum Berlin für Materialien und Energie, JCNS	Implementation of Polarized Neutron Spectroscopy on TOF Spectrometer NEAT at Helmholtz Zentrum Berlin	
3:20 pm - 3:30 pm	A03.01.06	Jacob	Tosado	University of Maryland, National Institute of Standards and Technology	Methods for Handling Aberation in Spherical Neutron Polarimetry	
3:30 pm - 3:40 pm	A03.01.07	Nicolas	Silva	Oak Ridge Associated Universities	Wide Angle Spherical Neutron Polarimetry at Oak Ridge National Laboratory	

3:40 pm - 3:50 pm	G03.01.01	Jeffrey	Richards	Northwestern University	Rheo-Small Angle Neutron Scattering Techniques that Leverage Simultaneous Electrical Spectroscopy for the Study of Soft Matter	G03.01 – Emerging Applications of Neutron Scattering in Engineering, Arts and Sciences
3:50 pm - 4:00 pm	G03.01.02	Nayomi	Plaza	Forest Products Laboratory	Investigating Nanoscale Wood-Water Interactions with Neutron Scattering	
4:00 pm - 4:10 pm	G03.01.03	Adam	Moule	University of California, Davis	Using INS to Link Molecular Structure to Materials Properties	
4:10 pm - 4:20 pm	G03.01.06	Alexis	Navarre-Sitchler	Colorado School of Mines	Neutron Scattering Analysis of Porosity Changes Associated with Contact Metamorphism of Mancos Shale	
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 (CNPGAA)	**WAS ORIGINALLY A04.02.07**
4:30 pm - 4:40 pm	A03.02.01	Anjana	Samarakoon	Oak Ridge National Laboratory	Application of Machine Learning in Condensed Matter Physics	A03.02 – Software I – Analysis, Modeling and Machine Learning
4:40 pm - 4:50 pm	A03.02.02	Thomas	Proffen	Oak Ridge National Laboratory	Using Machine Learning to Understand Disorder in Materials from Diffuse Scattering	
4:50 pm - 5:00 pm	A03.02.03	Zachary	Morgan	Michigan Technological University	A Reverse Monte Carlo Refinement Python Program for Analyzing the Diffuse Neutron Scattering of Single Crystals	
5:00 pm - 5:10pm	A03.02.04	Long	Yang	Columbia University, Oak Ridge National Laboratory	Structure-Mining—An Automated Tool to Find Candidate Structures from Neutron and X-Ray Diffraction Data	

5:10 pm - 5:20 pm	A03.02.05	Timmy	Ramirez-Cuesta	Oak Ridge National Laboratory	ICE-MAN—The Integrated Computational Environment-Modeling and Analysis for Neutrons at ORNL	
5:20 pm - 5:30 pm	A03.02.06	Dmitry	Reznik	University of Colorado Boulder	Rapid Analysis of Neutron Scattering Time-of-Flight Data Using Phonon Explorer Software Package	

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