

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.

Monday, July 13 Q&A Webinar II

Times	Final ID #	First Name	Last Name	Affiliation	Talk Title	Session Title
1:30 pm - 1:40 pm	A02.01.01	Patrick	Clancy	McMaster University	Neutron Scattering Facilities at the McMaster Nuclear Reactor	A02.01 – Neutron Source and Facilities I
1:40 pm - 1:50 pm	A02.01.02	Javier	Santisteban	Comisión Nacional de Energía Atómica	Present Status of LAHN, the Argentine Neutron Beam Laboratory	
1:50 pm - 2:00 pm	A02.01.03	Helmut	Kaiser	University of Missouri, University of Missouri	Neutron Scattering at Missouri— Current Status and Future Prospects	
WITHDRAWN 2:00 pm - 2:10 pm	A02.01.04	Scott	Moore	Idaho National Laboratory	Neutron Scattering at Idaho National Laboratory—The Present and the Future	
2:10 pm - 2:20 pm	A02.01.05	Boris	Khaykovich	Massachusetts Institute of Technology	Playing with Neutrons at the MIT Nuclear Reactor Lab	
2:20 pm - 2:30 pm	A02.01.06	Daniel	Adler	National Institute of Standards and Technology	Neutron Delivery System Upgrade at the NCNR	

2:30 pm - 2:40 pm	A02.01.07	Jose	Granada	Argentine Atomic Energy Commission	Cross-Section Libraries for Moderator and Reflector Materials Used in Cold and Thermal Neutron Sources	
2:40 pm - 2:50 pm	D02.01.01	Amy	Xu	University of Maryland, National Institute of Standards and Technology	Studying Excipient Modulated Colloidal Stability and Viscosity of Monoclonal Antibody Formulations Using Small Angle X-Ray/Neutron Scattering	D02.01 – Biology and Biotechnology I
2:50 pm - 3:00 pm	D02.01.02	Norman	Wagner	University of Delaware	The Nanostructure and Dynamics of Therapeutic Monoclonal Antibody Formulation in Solution Resolved by Neutron Spin Echo	
3:00 pm - 3:10 pm	D02.01.03	William	O'Dell	National Institute of Standards and Technology, Institute of Bioscience and Biotechnology Research	Isotopically-Labeled NISTmAb Enabled by Microbial Expression Host	
3:10 pm - 3:20 pm	D02.01.04	Zimei	Bu	City College of New York, CUNY	An Ensemble of Flexible Conformations Underlies Mechanotransduction by the Cadherin–Catenin Adhesion Complex	
3:20 pm - 3:30 pm	D02.01.05	Debsindhu	Bhowmik	Oak Ridge National Laboratory	AI-Driven Multi-Modal Workflow Incorporating Neutron Scattering to Resolve Intrinsically Disordered Protein (IDP) Structures	
3:30 pm - 3:40 pm	A02.02.01	Michihiro	Nagao	National Institute of Standards and Technology, Indiana University	Upgrade of the Neutron Spin Echo Spectrometer at the NIST Center for Neutron Research	A02.02 – Instrument Development and Optimization I
3:40 pm - 3:50 pm	A02.02.02	Piotr	Zolnierczuk	Forschungszentrum Jülich GmbH	Time-of-Flight Neutron Spin Echo Data Reduction and Analysis	

3:50 pm - 4:00 pm	A02.02.03	James	Dadisman	Oak Ridge National Laboratory	Development of Superconducting RF Neutron Spin Flippers and Application to the MIEZE Technique at Oak Ridge National Laboratory	
4:00 pm - 4:10 pm	A02.02.04	Vitaliy	Pipich	Forschungszentrum Jülich GmbH	KWS-3 Very Small Angle Neutron Scattering (Focusing) Diffractometer—New Opportunities for Users	
4:10 pm - 4:20 pm	A02.02.06	Dean	Myles	Oak Ridge National Laboratory	Dynamic Nuclear Polarization Enhanced Neutron Protein Crystallography	
4:20 pm - 4:30 pm	C02.01.01	Elizabeth	Kelley	National Institute of Standards and Technology	Measuring the Elastic and Viscous Properties of Soft Lipid Membranes with Neutron Scattering	C02.01 – Structure and Dynamics in Biological Materials
4:30 pm - 4:40 pm	C02.01.03	Haden	Scott	The University of Tennessee, Knoxville, The University of Tennessee, Knoxville	Plasmalogens, an Overlooked Lipid Class, Influence Lateral and Transverse Organization in Model Lipid Bilayers	
4:40 pm - 4:50 pm	C02.01.04	Darrin	Pochan	University of Delaware	Biomolecules for Non-Biological Things—Materials Construction through Peptide Design and Solution Assembly	
4:50 pm - 5:00 pm	C02.01.05	Peter	Gilbert	University of Delaware	Aggregation Behavior in Injectable Pharmaceutical Formulations	
5:00 pm - 5:10 pm	C02.02.01	Bradley	Olsen	Massachusetts Institute of Technology	Anomalous Dynamics in Associative Polymer Networks	C02.02 – Self-Assembled Materials and Networks
5:10 pm - 5:20 pm	C02.02.02	Xiaodan	Gu	University of Southern Mississippi	The Role of Backbone Rigidity on Entanglement Behavior and Mechanical Property for Conjugated Polymers	

5:20 pm - 5:30 pm	C02.02.03	Bo	Zhang	University of Minnesota Twin Cities	Phase Behavior of Diblock Copolymer-Homopolymer Ternary Blends Near the Putative Lifshitz Point	
5:30 pm - 5:40 pm	C02.02.04	Rana	Ashkar	Virginia Tech, Virginia Tech	Elasticity and Phase-Separation in Amphiphiles Self-Assemblies—From Biology to Nanotechnology	
5:40 pm - 5:50 pm	A02.03.01	David	Baxter	Indiana University	Compact Accelerator Neutron Sources—A New Paradigm for Innovation and Education	A02.03 – Neutron Source and Facilities II
WITHDRAWN 6:00 pm - 6:10 pm	A02.03.02	Ferenc	Mezei	Mirrotron Ltd, ESS ERIC	The Compact Neutron Source Project in Hungary for Industrial Applications	
6:10 pm - 6:20 pm	A02.03.03	Joseph	Schaeperkoetter	University of Missouri	Structural Response of a Slit-Shaped Graphene Nanopore to Adsorption—Observation by In Situ Neutron Diffraction	
6:20 pm - 6:30 pm	A02.03.04	Zachary	Buck	Institute of High Energy Physics, Chinese Academy of Sciences (CAS), University of Missouri	Development of ³ He Polarization Capabilities at the China Spallation Neutron Source	

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