

2020 NCNR Seminars – Virtual format from March onwards

Jan. 23	Whitney Loo University of California at Berkeley	Using neutron scattering techniques to probe the effect of salt on the chain dimensions and segmental dynamics of polymer electrolytes. Contact: Antonio Faraone
Jan. 27	Anand Yethiraj Newfoundland Labrador's Univ. Canada	Pulsed-field-gradient NMR studies of nanoclusters and macromolecular crowding. Contact: Yun Liu
Feb. 27	Frank Delaglio Biomol. Struct. Function Group, NIST	Characterization of Biotherapeutics by Chemometric and ML Analysis of NMR Spectra. Contact: Susana Teixeira
June 11	Caleb Luvonga Organic Chem. Metrology, NIST	Human dietary exposure to arsenicals. Contact: Susana Teixeira
July 9	Thomas Cleveland NIST/ IBBR	CryoEM at NIST: Capabilities and Future Directions. Contact: Susana Teixeira
Aug. 24	J. Sears DESY, Germany	Investigating magnetism in α -RuCl ₃ using resonant magnetic X-ray diffraction. Contact: Jeff Lynn
Aug. 27	Jesse Hopkins BIOCAT, APS, Argonne Nat. Lab.	BioXTAS RAW: An open source program for bioSAS data analysis. Contact: Susana Teixeira
Sep. 14	Oto-obong Inyang Durham University UK	Unveiling the Underlying Mechanism of Proximity Induced Magnetism in thin-film Heterostructure. Contact: Jeff Lynn
Sep. 28	Colin L. Sarkis Colorado State University	Phase Competition in the Yb pyrochlores: A Single crystal neutron scattering study of the pyrochlore Yb ₂ Ge ₂ O ₇ . Contact: Jeff Lynn
Oct. 5	Alexander Lazarev Pressure Biosciences Inc.	Shaping proteins under pressure. Contact: Susana Teixeira
Oct. 15	Jonathan Gaudet Johns Hopkins University	Long-wavelength incommensurate spin structure mediated by relativistic electrons in NdAlSi. Contact: Paul Butler
Oct. 26	Divine P. Kuman North Carolina State Univ.	Atomic-scale design of quantum materials data analysis. Contact: Jeff Lynn
Nov. 9	Leland Harriger NCNR	V-Cavity Polarization Study on the upcoming NG-5 Cold Spectrometer. Contact: Jeff Lynn
Dec 11	Nicolas M. Peraca Rice University, Houston	Terahertz Magnetospectroscopy Evidence of Spin-Magnon Interactions in the Low-Temperature Phase Transition of Erbium Orthoferrites. Contact: Susana Teixeira

Abstracts are available upon request.