

- 8:30—8:35 Stephen Streiffer (Argonne National Laboratory)
Opening Remarks
- 8:35—8:40 Ahmet Alatas (Argonne National Laboratory)
HERIX Update at Sectors 3 and 30
- 8:40—8:50 Michael Hu (Argonne National Laboratory)
Sn-NRS Program at Sector 30
- 8:50 – 9:25 Frank Weber (Karlsruhe Institute of Technology)
High Pressure, Anomalous Line Shapes and High Precision Phonon Spectroscopy at the HERIX Spectrometer at ID-30, APS
- 9:25—10:00 Sofia Michaela Souliou (European Synchrotron Radiation Facility)
High-energy Resolution Inelastic X-Ray Scattering under High-pressure Conditions
- 10:00—10:20 Break/Workshop Picture
- 10:20—10:55 Olivier Delaire (Duke University)
Anharmonic Phonon Dispersions and Scattering Rates Across the Brillouin Zone with Inelastic X-Ray Scattering and First-principles Simulations
- 10:55—11:30 Felix Flicker (University of California, Berkeley)
Charge Order in NbSe₂
- 11:30—12:05 Dipanshu Bansal (Oak Ridge National Laboratory)
Lattice Dynamics and Thermal Transport in Multiferroic CuCrO₂
- 12:05—1:30 Lunch
- 1:30—2:05 Mathieu Roskosz (Muséum National d'Histoire Naturelle)
Tin Isotopes: The Next Probe of Planetary Differentiation and Core Formation
- 2:05—2:40 Daniel Pérez Lozano (KU Leuven-Instituut voor Kern- en Stralingsfysic)
The Role of Phonons in the Critical Temperature Enhancement of Sn Nanowires
- 2:40—3:15 Jennifer Jackson (California Institute of Technology)
Phonon Dispersion Measurements of (Mg,Fe)O at High Pressures: Implications for Earth's Interior
- 3:15—3:35 Break
- 3:35—4:10 Jason Hancock (University of Connecticut)
Negative Thermal Expansion in Two Incipient Ferroelastics
- 4:10—4:45 Dmitry Reznik (University of Colorado – Boulder)
Electronic Nematic Fluctuations in Fe-based Superconductors Investigated by Neutron Scattering
- 4:45—5:20 Riccardo Comin (Massachusetts Institute of Technology)
Lattice Dynamics in Organometallic Lead Halide Perovskites
- 5:20—5:30 Ercan Alp (Argonne National Laboratory)
Concluding Remarks