8:30—8:45	Zhonghou Cai (Argonne National Laboratory), Paul Evans (University of Wisconsin-Madison), and Martin Holt (Argonne National Laboratory) *Welcome and Introductory Remarks*
8:45—9:20	Felix Hofmann (University of Oxford) *Bragg Coherent Diffraction Imaging of Ion Bombardment Damage*
9:20—9:55	Lincoln Lauhon (Northwestern University) *Towards Total Tomography: Correlation of Nanoscale Strain and Composition in Nonplanar Heterostructures*
9:55—10:10	Break
10:10—10:45	Joseph Heremans (Argonne National Laboratory) *The Importance of Strain on Spin Defects in Quantum Materials*
10:45—11:20	Vincent Jacques (Université Paris-Saclay, Orsay) *Coherent X-ray Nanodiffraction: A Powerful Way to Study Phase Defects in Condensed Matter Physics*
11:20—12:00	Panel Discussion (Hofmann, Lauhon, Heremans, Jacques) *Scientific Questions Driving Capabilities in Nanoscale X-ray Microscopy*
12:00—1:30	Lunch
1:30 - 2:05	Ian Robinson (Brookhaven National Laboratory) *Challenges for Bragg Coherent Diffractive Imaging at Future Light Sources*
2:05—2:40	Virginie Chamard (Institut Fresnel) *Bragg Ptychography: When Crystallography Meets Microscopy*
2:40—3:00	Break
3:00—3:35	Haidan Wen (Argonne National Laboratory) *Tracking the Evolution of Structural Heterogeneities by Time-resolved X-ray Diffraction Microscopy*
3:35—4:10	Anastasios Pateras (University of Wisconsin-Madison) *Dynamical Scattering Effects in Coherent Bragg X-ray Nanodiffraction*
4:10—4:40	Panel Discussion (Robinson, Chamard, Wen, Pateras) *Future of Nanoscale X-ray Science: Novel Methods, Bright Sources, and Big Data*
4:40—4:55	Zhonghou Cai (Argonne National Laboratory), Paul Evans (University of Wisconsin-Madison), and Martin Holt (Argonne National Laboratory) *Concluding Remarks*