

UED Opportunities for Dynamical Imaging of Materials

Tuesday, 7 November 2023

Session TB - Chair: Pamela Bowlan (10:30 - 12:30)

time	[id] title	presenter
10:30	[16] TB01 - "Visualizing phonon dynamics with MeV-UED and materials' ultrafast behavior under RF excitation" Yimei Zhu, BNL	
10:50	[17] TB02 - "Data Analysis and Control of a MeV Ultrafast Electron Diffraction System using Machine Learning" Sandra Biedron, UNM	
11:10	[18] TB03 - "Probing ultrafast dynamics in charge density wave materials with MeV-UED" Hugo Wang, SLAC	
11:30	[44] TB04 - "Optical techniques for measuring FEL pulses", Pamela Bowlan, LANL	
11:50	[47] TB05 - "Microcalorimeter Detectors: Broadband, Efficient, High Energy-Resolution Detectors for Materials Science" Matthew Carpenter, LANL	
12:10	[45] Discussion	