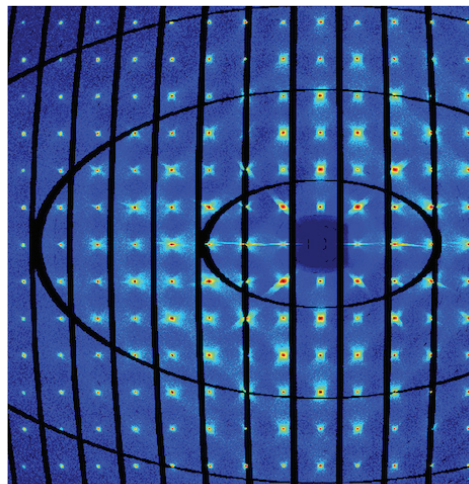
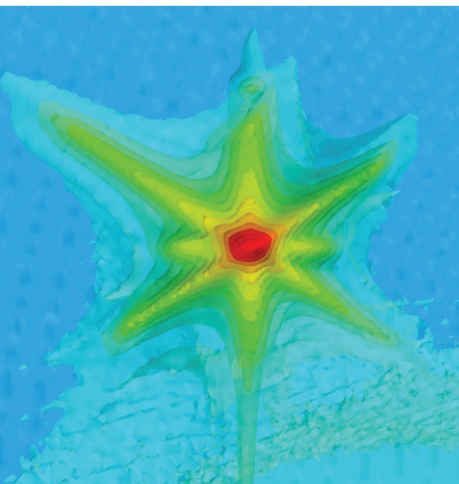


Cornell High Energy Synchrotron Source

2016 CHESS-U



D³: Defects, Distortions, and Dynamics in Complex Materials

June 27-28, 2016
Physical Sciences Building
Cornell University, Ithaca, NY

Speakers

Branton Campbell

Brigham Young University

Patrick Clancy

University of Toronto

Olivier Delaire

Duke University

Bruce Gaulin

McMaster University

Alan Goldman

Iowa State University & Ames Laboratory

Andrew Goodwin

University of Oxford

Sol Gruner

Cornell High Energy Synchrotron Source
& Cornell University

Daniel Phelan

Argonne National Laboratory

This workshop will address emerging opportunities in high energy single crystal diffraction using next-generation pixel array detectors, as a probe of lattice-coupled effects in quantum materials. This covers both diffuse scattering and weak-peak crystallography. Topics under discussion may include phase transitions, low-dimensional correlations, short-range order, superstructures, charge-density-waves, phonons, frustration, quasicrystals, and strain.

Organizers:

Raymond Osborn

Argonne National Laboratory

Jacob Ruff

Cornell High Energy Synchrotron Source

Katie Silberstein

Cornell High Energy Synchrotron Source



Information and Registration:
www.chess.cornell.edu

