



BGSU
Bowling Green State University

3rd Annual Ohio Valley Crystallography and Biophysics Symposium

"Analyzing Macromolecular Complexes with Crystallography and Biophysical Methods"

Friday, November 9th, 8:30 a.m. - 5:00 p.m.
The University of Toledo Main Campus
Student Union Room 2584

Registration and event details at www.xtals.org

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Michael Chan (Ohio State University) *"Bicelle Crystallization: Lessons from Studies of Membrane-Inserted Proteins"*

Leighton Coates (Oak Ridge National Lab) *"The Spallation Neutron Source: A Next Generation Neutron Scattering Facility for the USA"*

Artem Evdokimov (Pfizer) *"Rational Protein Engineering in Action: Phenylalanine tRNA Synthase"*

Hermann Von Grafenstein (University of Toledo) *"Hydrogen-Deuterium Exchange Reveals a Variable Network of Mobile Water Molecules in the Peptide-MHC Binding Interface"*

Rhett Kovall (University of Cincinnati) *"Structure and Thermodynamics of the Notch RAM Domain Interaction with CSL"*

Peter Lu (Bowling Green University) *"Probing Single-Molecule Protein Conformational Dynamics."*

Saurav Misra (Cleveland Clinic) *"Investigating CHIP, a quality control ubiquitin ligase, with crystallography and NMR"*

Don Ronning (University of Toledo) *"A DNA Transposition Mechanism: Resolving Reactions One Step at a Time."*

John Tessmer (University of Michigan) *"Structural Studies of Heterotrimeric G Protein Signaling"*

Volker Urban (Oak Ridge National Lab) *"Structures without Crystals: the Use of Neutron and X-ray Solution Scattering for Analyzing Bio-Molecular Assemblies"*

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