Fall 2023 Seminar Series
Friday @ 3pm | Biodesign Auditorium

8/24 Po-Lin Chiu Arizona State University—P&T Seminar—1:00pm
“Unraveling biomolecular complexity using electron imaging”

8/25 Matthias Heyden Arizona State University—P&T Seminar—1:00pm
“Translating Anharmonic Molecular Vibrations into Information”

8/31 Petr Sulc Arizona State University—P&T Seminar—1:00pm
“Multiscale modeling of nucleic acid nanotechnology and the quest for the holy grail of self-assembly”

9/1 Scott Sayres Arizona State University—P&T Seminar—1:00pm
“Tuning the Ultrafast Energy Flow in Molecular Scale Materials”

9/7 Abhishek Singharoy Arizona State University—P&T Seminar—1:00pm
“Recipes for marrying chemical physics with informatics to study biomolecular complexity”

9/8 Wade Van Horn Arizona State University—P&T Seminar—1:00pm
“There and back again: Navigating cool and hot studies of molecular thermosensing proteins”

9/15 Ariel Furst Massachusetts Institute of Technology
“Bio-inspired systems for sustainability and clean energy”

9/22 Veronica Augustyn North Carolina State University
“Proton-coupled Electrochemical Reactions of Metal Oxides for Aqueous Energy Storage and Conversion”

9/29 Ku-Lung (Ken) Hsu University of Texas
“SuTEx chemistry: applications for chemical biology and protein ligand discovery”

10/6 Adrian Roitberg University of Florida
“Machine Learning in Chemistry: Cheap and Accurate Energies and Forces in molecular systems. Uses in conformational searches and free energy calculations.”

10/13 Matt Weber University of Notre Dame (hosted by Petr Sulc & Nick Stephanopoulos)
“Designing Bio-Inspired Soft Matter through Dynamic Recognition Motifs”

10/20 O’Keeffe Lecture: Steve Granick University of Massachusetts - Amherst
(Hosted by Dmitry Matyushov & Matthias Heyden)
“Some Puzzles and Research Opportunities in Soft Matter Science Engineering”

10/27 Elizabeth Bess University of California, Irvine (hosted by Jeremy Mills)
“Finding Catalysts of Gut Reactions: The Gut Microbiota in Disease Onset and Treatment”

11/3 Michael Marty University of Arizona (hosted by Wade Van Horn)
“Revealing Membrane Protein-lipid Interactions with Native and Lipidomic Mass Spectrometry”

11/16 Eyring Lecture: Chad Mirkin Northwestern University (hosted by Christina Birkel) Marston Theater
“Foundational tools, techniques, and materials as outputs of the modern age of nanotechnology”

11/17 Eyring Lecture: Chad Mirkin Northwestern University (hosted by Christina Birkel) Biodesign Theater
“Repurposing the Blueprint for Life Through Colloidal Crystal Engineering with DNA”

12/1 Shuguang Zhang Massachusetts Institute of Technology (hosted by Hao Yan)
“The Simple QTY Code for Protein Design”

ZOOM option available: https://asu.zoom.us/j/89520908985