Fall 2023 Seminar Series
Friday @ 3pm | Biodesign Auditorium

8/9  Alexander Dömling  Palacky University Olomouc
     “Automation + Miniaturization = Acceleration”

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”

11/17 Eyring Lecture: Chad Mirkin  Northwestern University  (hosted by Christina Birkel)
    TBD

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