

POLYMER SCIENCE & ENGINEERING

# 2023 FALL SEMINAR SERIES

September 8

Professor John Martin Kolinski  
École Polytechnique Fédérale de Lausanne  
*Geometric toughening of brittle hydrogels*  
Host: Al Crosby

September 15

Professor Jia Niu  
Boston College  
*Bioinspired Synthetic Approaches to Precision Macromolecules*  
Host: Thomas McCarthy

September 22

NO SEMINAR - PSE Town Hall Meeting

September 29

Dr. Gregory Doerk  
Brookhaven National Laboratory  
*Uncovering Self-Assembly Pathways in Polymer Blends*  
Host: Reika Katsumata

October 6

Professor Oleg Gang  
Columbia University  
*Programming Assembly and Transformation of Nanoscale Materials*  
Host: Greg Grason

October 13

NO SEMINAR – FALL Polymer Event

October 20

Professor Ralph Colby  
Penn State University  
*Flow-induced Nematic Alignment and Nucleation Acceleration in Polymer Melts*  
Host: M. Muthukumar

October 27

Professor Gabriel Sanoja  
University of Texas at Austin  
*Living Copolymerizations as a Tool to Tailor the Architecture and Mechanical Properties of Polymer Networks*  
Host: Al Crosby

November 3

Professor Edmund F. Palemo  
Rensselaer Polytechnic Institute  
*Effects of Poly(pro-drug)s on Cells of the Central Nervous System*  
Host: E. Bryan Coughlin

November 10

Dr. Alex Ribbe  
EM Facility Director - UMass Amherst  
*The impact of cryo-EM on the visualization of bio vs synthetic polymers*  
Host: Samuel Gido

November 17

Professor Jessica R. Lamb  
University of Minnesota  
*Advancing polymer synthesis using the tools from organic chemistry*  
Host: Todd Emrick

November 24

NO SEMINAR – THANKSGIVING

December 1

Professor Yanfei Xu  
UMass Amherst  
*Understanding the thermal transport properties in polymeric materials*  
Host: Harry Bermudez

Fridays 3:35 pm ~ Conte A110/111 & Zoom