



Spring Polymer Workshop Event

University of Massachusetts Amherst

New Materials Frontiers: Connecting Synthetic Innovation with Materials Discovery

Thursday May 18 2023 Conte Building Seminar Room A110/111



POLYMER SCIENCE AND ENGINEERING
UNIVERSITY OF MASSACHUSETTS AMHERST



Technical Program

TIME:	SESSION:
8:30 am - 9:00 am	Arrival and Check-In
9:00 am - 9:15 am	<i>Opening Remarks and Introduction</i> Professor Todd Emrick, University of Massachusetts - Amherst
9:15am - 10:00 am	<i>Chemical Synthesis of Precision Polysaccharides via Living Polymerization</i> Professor Jia Niu, Boston College
10:00 am - 10:45 am	<i>Biologically Fabricated Materials from Engineered Microbes</i> Professor Neel Joshi, Northeastern University
10:45 am - 11:15 am	Break
11:15 am - 12:00 pm	<i>Harnessing Biomimetic Hierarchical Structure in Synthetic Macromolecules</i> Professor Abigail Knight, University North Carolina - Chapel Hill
12:00 pm - 1:15 pm	Lunch in the Conte Atrium
1:15 pm - 2:00 pm	<i>Materials Challenge in Electrophoretic Displays</i> Dr. Michael Lis, E-Ink
2:00 pm - 2:30 pm	Break
2:30 pm - 3:15 pm	<i>Self-assembly of Linear & Bottlebrush Copolymers: Bulk and Thin Film Studies</i> Mingqiu Hu, University of Massachusetts - Amherst
3:15 pm - 4:00 pm	<i>Polyelectrolyte Complex Materials</i> Professor Sarah Perry, University of Massachusetts – Amherst
4:00 pm - 6:00 pm	Student Poster Session
5:15 pm – 7:15PM	Refreshments and Hors D’oeuvres