



Spring 2021 Virtual Polymer Event

University of Massachusetts Amherst



POLYMER SCIENCE AND ENGINEERING
UNIVERSITY OF MASSACHUSETTS AMHERST

Spring Polymer Event 2021, Day 1

May 18, 2021

- 8:30 AM Opening remarks at Zoom
- 8:45 AM Marcel Brown (Emrick Group) *A New Class of Zwitterionic Materials: Poly(Phosphonium Sulfonates)*
- 9:00 AM Wuqi Amy Nui (Santore Group) *Depletion Forces Drive Reversible Capture of Live Bacteria on Non-adhesive Surfaces*
- 9:15 AM Ria Ghosh (Coughlin Group) *Effect of Chemical Identity and Morphology on Water and Salt Transport in Amphiphilic-Zwitterionic Copolymer Membrane.*
- 9:30 AM Break
- 9:45 AM Hares Wahdat (Crosby Group) *Pressure-induced Cavitation for Quantifying Performance of Confined Adhesives*
- 10:00 AM Abhiram Reddy (Grason Group) *Modeling Chain Packing in Complex Crystals of Block Copolymers*
- 10:15 AM Poster overview, Presenter Lighting Round
- 10:45 AM Break and transition to Gather.Town
- 11:00 AM Poster Session 1 at Gather.Town
- 12:30 PM Lunch/networking at Gather.Town



- 2:00 – 4:00 PM Cluster F Meeting
- 3:00 – 4:00 PM Cluster E Meeting



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Spring Polymer Event 2021, Day 2

May 19, 2021

8:30 AM	Opening remarks at Zoom
8:45 AM	Poster overview, Presenter Lighting Round
9:15 AM	Break and transition to Gather.Town
9:30 AM	Poster session 2 at Gather.Town
11:00 AM	Break and transition to Zoom
11:15 AM	Walter Young (Katsumata Group) <i>Rationalizing the Breakdown of Time-Temperature Superposition in a Model Copolymer/POSS Composite</i>
11:30 AM	Heather Hamilton (Bradley Group) <i>One-step Synthesis of Responsive Cavity-Forming Zwitterionic Colloids</i>
11:45 AM	Satyam Srivastava (Hoagland and Russell Groups) <i>Visualization of Assembly and Dynamics of Anisotropic Nanoparticles on Liquid Surfaces</i>
12:00 PM	Roshni John Chethalen (Coughlin Group) <i>Incorporation of Active Linkers for the Synthesis of Cleavable and Exchangeable Polymers</i>
12:15 PM	Yan Cong (McCarthy Group) <i>New Isomeric Silicones</i>
12:30 PM	Award Recognition Ceremony
12:45 PM	Concluding Remarks
1:00 PM	End of the event

Note: The schedule is based on the U.S. Eastern Daylight Savings Time.