



2013 Princeton-MIT Microsymposium on Polymers



Schedule

Wednesday, June 12th

- 12:00 Lunch
- 1:00 **Justin Kleingartner**
Dynamic Wetting: Applications of Dynamic Tensiometry
- 1:35 **Raleigh Davis**
Orientation of Microdomains in Unaligned and Shear-aligned Poly(styrene)-poly(hexylmethacrylate) Thin Films
- 2:10 **Siddarth Srinivasan**
Force and Surface Energy Analysis of Cassie/Wenzel Transition in Cylinders and Spheres
- 2:45 Break
- 3:00 **So Youn Kim**
Metal-Containing Block Copolymers for the Fabrication of Nanowire Grids with High Aspect Ratio
- 3:35 **Hyomin Lee**
pH-programmable sequential dissolution of multilayer stacks of hydrogen bonded polymers
- 4:10 **Adam Burns**
Crystallization in Hydrogenated Norbornene Random Copolymers
- 4:45 **Jiyoung Ahn**
Tuning the Properties of Layer-by-Layer Assembled Mucin
- 6:00 Dinner

Thursday, June 13th

- 8:00 Breakfast
- 8:30 **Jonathan Gilbert**
Depth Profiling XPS of interlayer diffusion in multilayers
- 9:05 **Rick Register** (work of Bryan Beckingham)
Regular Mixing Thermodynamics of Hydrogenated Styrene-Isoprene Block-Random Copolymers
- 9:40 **Rosanna Lim**
Covalent Attachment of Polyelectrolyte Multilayers to Cells
- 10:15 Break
- 10:30 **Will Mulhearn**
Ternary Mixing Thermodynamics of Block-Random Copolymers Containing a Polyethylene Block
- 11:05 **Roberta Polak**
Inclusion of liposomes into multilayer cellular backpacks for drug release
- 11:40 Lunch