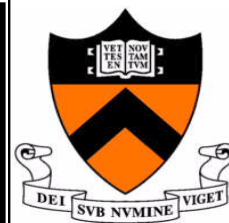


23rd Cohen-Register Microsymposium

June 7-8, 2016 ✨ Princeton University
103 Maeder Hall, Andlinger Center



Tuesday, June 7

Noonish Arrival and Lunch, 103 Maeder Hall, Andlinger Center for Energy and the Environment

1:00 pm **Dayong Chen** (Cohen/McKinley)

Spontaneous Wettability Patterning via Creasing Instability

1:40 **Beomgoo Kang** (Register)

Synthesis of Well-Defined Functional Copolymers via Living Vinyl Addition Polymerization for Biobutanol Pervaporation Membranes

2:20 **Roberta Polak** (Cohen/Rubner)

Cellular Backpacks for Targeted Catalase Delivery to the Brain

3:00 **** BREAK ****

3:10 **Dane Christie** (Priestley/Register)

Local Measurements of the Glass Transition Temperature of Microphase-Separated n-Alkylmethacrylate Diblock Copolymers

3:50 **Bob Cohen** (work of Dayong Chen)

Mechanisms for Designing Ice-Phobic Surfaces

4:30 **** BREAK ****

4:40 **Adam Burns** (Register)

Synthesis and Mechanical Properties of Star-Shaped Thermoplastic Elastomers

6:00 Dinner at Blue Point Grill, 258 Nassau Street (609-921-1211, <http://bluepointgrill.com>)

Wednesday, June 8

8:15 am Continental Breakfast, 103 Maeder Hall, Andlinger Center for Energy and the Environment

9:00 **Kenan Song** (Cohen/Rubner)

Epoxy/Halloysite Nanocomposite Coatings

9:40 **Will Mulhearn** (Register)

Synthesis and Characterization of High-Yield-Strength Polyethylene-Glassy Block Copolymers

10:20 **** BREAK ****

10:35 **Anuj Bellare** (Harvard Medical School, Cohen and Register alumnus)

High-Pressure-Crystallized Ultra-High Molecular Weight Polyethylene (UHMWPE)

11:15 **Rick Register** (work of Will Mulhearn)

Melt-Miscibility in Block Copolymers Containing Polyethylene and Substituted Polynorbornenes

Noon Lunch and Departure