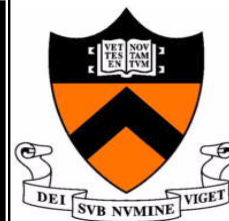


19th Cohen-Register Microsymposium

June 14, 2012 ✨ Princeton University
Mamdouha S. Bobst Hall, 83 Prospect Avenue



Thursday, June 14

- 8:00 am **CONTINENTAL BREAKFAST** on the ground floor of Bobst Hall (83 Prospect Avenue)
- 8:45 **Justin Kleingartner** (Cohen/McKinley)
Characterizing Non-wetting and Switchable Surfaces via Dynamic Tensiometry
- 9:20 **Raleigh Davis** (Register/Chaikin)
Alignment of Cylinder-forming PS-PHMA Diblock Thin Films Using Shear
- 9:55 **Siddarth Srinivasan** (Cohen/McKinley)
Non-wetting Surfaces and Estimation of Slip Lengths
- 10:30 **** BREAK ****
- 10:45 **So Youn Kim** (Register/Chaikin)
Pattern Transfer by Etching a Cylinder-forming Diblock Copolymer of Polystyrene-Poly(ferrocenylisopropylmethylsilane)
- 11:20 **Grinia Nogueira** (Cohen/Rubner)
Layer-by-Layer Assembly in Microfluidic Medical Detection Devices
- 12:15 pm **LUNCH** buffet, Palace of India, 235A Nassau Street, www.palaceofindianj.com, 609-688-8923
- 1:30 **Rick Register** (work of Sheng Li)
Crystallizable Polydisperse Polyolefin Block Copolymers: Phase Mixing Has Big Consequences!
- 2:05 **Jonathan Gilbert** (Cohen/Rubner)
Polyelectrolyte Multilayer Backpacks on Immune Cells
- 2:40 **Bryan Beckingham** (Register)
Synthesis and Phase Behavior of ABC Block-Random Copolymers: Semicrystalline Derivatives of Butadiene, Styrene, and Isoprene
- 3:15 **** BREAK ****
- 3:30 **Hyomin Lee** (Cohen/Rubner)
Quantitative Characterization of Antifouling Coatings
- 4:05 **Adam Burns** (Register)
Effect of Hydrogenation on the Glass Transition Temperature of Ring-Opened Poly(phenylnorbornene)
- 4:40 **Ken Park** (Cohen/McKinley)
Water Harvesting Mesh Surfaces
- 6:00 **DINNER** at Tortuga's Mexican Village, 41 Leigh Avenue, www.tortugasmv.com/mv, 924-5143