**Wednesday, May 30**

**Noon** Arrival and Lunch in the Eisenhart Room (Engineering Quadrangle, Room G201)

**1:00 pm** Young-Rae Hong (Register/Chaikin)
Silicon Nanowire Grid Polarizer Fabricated from a Shear-Aligned Diblock Copolymer Template

**1:30** Ryan Bennett (Chaikin/Register)
Block Copolymer Micellar Thin Films as Templates for the Production of Tunable Inorganic Nanocluster Arrays and their Applications

**2:00** Andy Marencic (Register/Chaikin)
Sphere-Forming Block Copolymers Aligned Under Dual Shear

**2:30** **BREAK**

**2:45** Andy Miller (Cohen/Hammond/Irvine)
*Amphiphilic Block Copolymer Micellar Thin Films: Creation of Nanocavities and Use as Nanocontainers for Controlled Release*

**3:15** Jeff Quinn (Register)
Modification of Acetoxyystrene/Styrene Block-Random Copolymers to Induce Hydrogen Bonding and Microphase Separation

**3:45** Anish Tuteja (Cohen/Rubner)
Designing Super-Oleophobic Surfaces

**4:15** **BREAK**

**4:30** Sasha Myers (Register)
Crystal Thickness and Orientation in Block Copolymers Containing Linear Polyethylene

**5:00** Ben Wang (Cohen)
Elucidating and Mapping Morphological Variations in Carbon Nanotube Films by Small-Angle X-Ray Scattering

**6:15** DINNER at Masala Grill (19 Chambers Street)

**Thursday, May 31**

**8:15 am** Continental Breakfast in the Eisenhart Room (Engineering Quadrangle, Room G201)

**8:45** Stephanie Deschanel (Cohen/Boyce)
*Rate-Dependent Mechanical Performance of Ethylene-Methacrylic Acid Copolymers and POSS-Enhanced EMAA Nanocomposites*

**9:15** Bob Scogna (Register)
*Describing the Strain Rate Dependence of the Yield Stress in Ethylene-Methacrylic Acid Copolymers Using a Modified Ree-Eyring Equation*

**9:45** Zekeriyya Gemici (Cohen/Rubner)
*Mechanically Robust Structured Multilayer Films via Hydrothermal Treatment*

**10:15** **BREAK**

**10:30** Bulent Ozbas (Prud’homme/Aksay/Register)
*Multifunctional Elastomer Nanocomposites with Functionalized Graphene Sheets*

**11:00** Gary Chia (Cohen/Rubner)
*Gold Nanoparticles Templated via Polyelectrolyte and Inorganic Nanoparticle Multilayers*

**11:30** John Bishop (Register)
*Ring-Opened Polyphenethylnorbornene and its Hydrogenated Derivatives*

**Noon** Lunch and Departure