

**Nanofabrication by Self-Assembly:
A Bottom-Up Approach to Material Design**
A Mini-Symposium Organized by Stefano Sacanna
New York University Department of Chemistry
Friday, October 13, 2017
Jurow Lecture Hall
NYU Silver Center, room 101

- 12:45** Registration & Coffee, Silverstein Lounge, just outside Jurow Lecture Hall
- 1:00** **Welcome: James W. Canary, New York University**
- 1:05** **Opening Remarks: Stefano Sacanna, New York University**
- 1:10** **Nicholas A. Kotov, University of Michigan**
Nanomanufacturing by Self-Assembly: from Graphene Composites to Chiral Nanostructures
- 1:45** **Rein V. Ulijn, CUNY Advanced Science Research Center**
Searching the Peptide Sequence Space for Reactivity, Assembly and Recognition
- 2:20** **Maria Santore, University of Massachusetts**
The Stressful Process of Patterning Self assembled Membranes
- 2:55** Coffee Break, Silverstein Lounge
- 3:10** **Paul V. Braun, University of Illinois**
Colloidal Self-Assembly as a Path to High Performance Nanostructured Materials for Energy Storage and Photonics
- 3:45** **David Pine, NYU Tandon School of Engineering**
Self-Assembly from DNA-Coated Colloids
- 4:20** **Sanat K. Kumar, Columbia University**
Tunable Multiscale Nanoparticle Ordering by Polymer Crystallization
- 4:55** **Closing Remarks: Stefano Sacanna, New York University**
- 5:00** Reception, Silverstein Lounge