



Spring Term 2011

Departmental Seminars

3:30 pm, Refreshments, A214 E-Quad
4:00 p.m., A224 E-Quad (Elgin Room)

- February 2 **Ophelia Tsui**, Boston University
Glass Transition Dynamics and Surface Layer Mobility of Polystyrene Films
- February 9 **Deirdre O'Carroll**, Rutgers University
Nanoscale Conjugated Polymer Light-Emitting and Light-Harvesting Photonic Devices
- February 16 **Christos Maravelias**, University of Wisconsin - Madison
Integration of Production Planning and Scheduling in the Chemical Industry
- February 23 **Valeria Molinero**, The University of Utah
Crystallization of Water: From Bulk to the Nanoscale
- March 2 **William Bentley**, University of Maryland
*Biofabrication for Interrogating and Modulating Biological Signaling:
Honing in on Quorum Sensing*
- March 9 **Harry van den Akker**, TU Delft
TBD
- March 23 **Alex Mogilner**, University of California, Davis
Speed and Accuracy of Mitotic Spindle Assembly
- March 30 **Larry Taber**, Washington University at St. Louis
Mechanical Forces Drive (and Regulate?) Organogenesis

Dudley Saville Lecture

Yi Tang

University of California, Los Angeles

Refreshments: 3:30 pm, Friend Center FC113

Lecture: 4:00 pm, Friend Center FC113

- April 6 *Understanding and Engineering Natural Product Pharmaceuticals Biosynthesis*

- April 13 **David Weitz**, Harvard University
TBD
- April 20 **Wilfred van der Donk**, University of Illinois
*Posttranslational Modifications in Natural Product Biosyntheses:
Lantibiotics and S-Linked Glycopeptides*
- April 27 **Anna Stefanopoulou**, University of Michigan
Understanding and Controlling Large Spatio-Temporal Patterns in Fuel Cells