

**February 8**

**Berend Smit**

University of California, Berkeley

*Computational Carbon Capture*

**February 15**

**Isaac Carrico**

Stony Brook University

*Selective Chemical Modification of Viral Surfaces*

**February 22**

**A. James Link**

Princeton University

*How to Tie Peptide Knots*

**February 29**

**Christopher Jones**

Georgia Institute of Technology

*Technical Challenges Associated with CO<sub>2</sub> Capture:*

*Materials and Process Chemistry Advances for*

*Greenhouse Gas Mitigation and CO<sub>2</sub> Utilization*

**March 7**

**Justin Notestein**

Northwestern University

*Supported Oxide Cluster and Oxide Cavity Catalysts for*

*Enhanced Activity and Selectivity*

**March 28**

**Dagmar Iber**

ETH Zurich

*From Networks to Tissue Engineering—Computational*

*Models of Organogenesis*

**April 4**

**Brandon Rowe**

National Institute of Standards & Technology

*Influence of Confinement and Interfacial Interactions*

*on the Behavior of Membranes and Materials for*

*Energy Technologies*

**April 11**

**Markus Covert**

Stanford University

*Host Cellular Requirements for Viral Infection*

**April 25**

**Domitilla Del Vecchio**

Massachusetts Institute of Technology

*A Control Theory Approach to Engineering*

*Biomolecular Circuits*

**April 18**

**Dudley A. Saville Lecture**

**Todd Squires,**

University of California, Santa Barbara

*Nonlinear Electrokinetics and Ion Transport:*

*New Twists on a Classic Field*

**Location:** Carl A. Fields Center, Room 104

**Refreshments:** 3:30 p.m.

**Lecture:** 4:00 p.m.

**May 2**

**Christine Hrenya**

University of Colorado at Boulder

*Bouncing, Sticking, and Spinning: The Agglomeration*

*Behavior of Wetted Particles*

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