

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 CO₂ Capture:
Materials and Process Chemistry Advances for
Greenhouse Gas Mitigation and CO₂ 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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