



Departmental Seminars

3:30 pm, Refreshments, A214 Engineering Quad
4:00 pm, Seminar, A224 Engineering Quad (Elgin Room)

- January 24 **John Kitchin**, Carnegie Mellon University
Data Science & Machine Learning Approaches to Catalysis and Chemical Engineering
- January 25 (Thur) **Charles Schroeder**, University of Illinois at Urbana-Champaign
Automated Synthesis for Closed-Loop Discovery of Photostable Light-Harvesting Molecules
- January 31 **Aditya Bhan**, University of Minnesota
Catalytic Routes for Upgrading C₁ Feedstocks... The Hills Molecules Climb
- February 7 **Victor Zavala**, University of Wisconsin-Madison
Systems Engineering Approaches for Scalable Plastic Waste Management
- February 14 **Michael Dickey**, North Carolina State University
Gallium Liquid Metal: The Most Interesting Element in the World?

Richard H. Wilhelm Lecture

Jennifer Lewis

Harvard University

Printing Soft and Living Matter in Three Dimensions

- February 20 & 21 Refreshments: 3:30 pm, Maeder Hall Lobby
Lectures: 4:00 pm, Maeder Hall Auditorium

- February 28 **George Huber**, University of Wisconsin-Madison
Disruptive Technologies for the Plastics and Fuel Industry
- March 14 (Thur) **Ive Hermans**, University of Wisconsin-Madison
The Role of Heterogeneous Catalysis in the Defossilization of the Chemical Industry
- March 27 **Allan Drummond**, University of Chicago
How Cells Use Biomolecular Condensation to Sense and Respond to Environmental Changes
- April 3 **Linda Broadbelt**, Northwestern University
Developing Strategies for Polymer Redesign and Recycling Using Reaction Pathway Analysis
- April 10 **Vinayak Agarwal**, Georgia Institute of Technology
Opportunities, and Challenges in Engineering Natural Product Biosynthetic Pathways
- April 17 **Phillip Christopher**, University of California, Santa Barbara
Influence of Visible Photons on Catalytic Reactions at Metal Nanoparticle Surfaces
- May 1 **Gregory Rutledge**, Massachusetts Institute of Technology
A Multiscale Model of Flow-induced Crystallization in Polymers