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