



Chemical & Biomolecular Engineering

KURT WOHL MEMORIAL LECTURES

5/17/2019

Susannah Scott

University of California, Santa Barbara

Kinetics and Mechanisms of Reactions Relevant to Lignocellulosic Biomass Conversion in Porous Heterogeneous Catalysts

4/20/2018

Paula Hammond

Massachusetts Institute of Technology

Polyelectrolyte Drug Release Systems for Regenerative Medicine and Targeted Nanotherapies

4/22/2016

Craig Hawker

University of California, Berkeley

Novel Chemical Building Blocks for Functional Material Platforms

4/5/2013

Matthew Tirell

University of Chicago

Protein Analogous Micelles: Versatile, Modular Nanoparticles

4/13/2012

Enrique Iglesia

University of California, Berkeley

Confinement Effects and Catalysis by Acid Sites and Metal Clusters

11/4/2011

Nicholas Abbott

University of Wisconsin-Madison

Colloidal and Interfacial Phenomena in Liquid Crystalline Systems

10/29/2010

Kristi Anseth

University of Colorado

Goodbye Flat Biology? Hello Hydrogels

4/16/2010

Kathleen J. Stebe

University of Pennsylvania

Orientation and Assembly of Anisotropic Particles by Capillary Interactions

5/15/2009

Frank Bates

University of Minnesota

Block Copolymers: Designer Materials at Commodity Prices

10/3/2008

Thomas Healy

University of Melbourne

Colloid Science-The Pointy End of Nanotechnology

3/3/2006

Daan Frenkel

AMOLF

Ostwald, Gibbs and Crystal Nucleation

9/30/2005

Alexandra Navrotsky

University of California at Davis

Drug-Delivering Integrated Therapeutic Systems

3/10/2003

Tom McLeish

University of Leeds, U.K.

Multiscale Modeling of Entangled Polymers

10/20/2000

Juan dePablo

Wisconsin

Molecular Simulation of the Structure and Properties of Complex Fluids: What Can we learn from simulations?

1999

Gilbert Froment

University of Gent/Texas A&M

Fundamental Kinetic Modeling of Complex Refinery Processes on Acid Catalysts

1997

Pablo G. Debenedetti

Princeton University

Towards a Fundamental Understanding of Liquids under Extreme Conditions

1995

Octave Levenspiel

Oregon State

Making Friends with Chemical Reactors

1994

William Steele

Pennsylvania State University

Structure in Monolayers of Simple Molecules Physically Adsorbed on Solids

1993

Robert Langer

Massachusetts Institute of Technology

Novel Polymeric Controlled Release Systems of Drugs, Proteins, and Mammalian Cells; Immobilized Enzyme Bioreactors for Potential Medical Use

1992

Rakesh K. Jain

Harvard University

Delivery of Anti-Cancer Drugs to Tumors: Why is it Difficult?; Delivery of Anti-Cancer Drugs to Tumors: How can we Improve it?

1991

Keith Gubbins

Cornell University

The Role of Molecular Theory and Simulation in Chemical Engineering Research

1990

Jacob Israelachvili

University of California, Santa Barbara

Equilibrium Short-Range and Adhesion Forces Between Surfaces in Liquids and Shear Forces

1989

Masao Doi

Tokyo Metropolitan University

Computer Simulation of Concentrated Colloidal Suspensions in Shear Flow and Dynamics of Phase Separation of Rodlike Polymers

1988

Charles F. Curtiss

Wisconsin

A Kinetic Theory of Polymer Systems and A Kinetic Theory of Dilute Polymeric Solutions—The Effects of Time Smoothing

1987

Ted Davis

University of Minnesota

Microstructure and Properties of Micromulsions; How Liquids Spread on Solids

1986

R. P. Merrill

Cornell University

Atomic and Molecular Scattering at Solid Surfaces, Light Atom Diffraction, Energy and Momentum Exchange

1985

P.G. de Gennes

College de France

The Dynamics of Entangled Polymers

1984

E. Ulrich Franck

University of Karlsruhe

Between Gas and Liquids—Fluids at High Pressure

1983

Paul Flory

Stanford University

Molecular Conformation and Morphology of Polymers in Condensed States

1982

Heinz Heinemann

1980

Arthur Westerberg

Carnegie Mellon University

Topics in Computer-Aided Process Design