



Chemical & Biomolecular Engineering

ROBERT L. PIGFORD MEMORIAL LECTURES

5/8/2020

Jay Keasling

University of California, Berkeley

Engineered Polyketide Synthases as Platform for Synthetic Chemistry

9/28/2018

Athanasios Z. Panagiotopoulos

Princeton University

Activities, Solubilities, and Nucleation Rates of Aqueous Electrolyte Solutions

10/6/2017

David Boger

University of Florida

From Boger Fluids to Environmental Rheology

10/21/2016

Jonathan Dordick

Rensselaer Polytechnic Institute

Exploiting the Interface of Biomolecular Engineering and Materials Science to Generate New Therapeutic Outcomes

3/7/2014

Alexis Bell

University of California, Berkeley

Effects of Local Composition, Structure, and Confinement on the Activity and Selectivity of Catalytically Active Sites

5/1/2013

George Georgiou

The University of Texas at Austin

What's in your blood: Systems analysis of human antibody immunity

9/9/2011

Klavs Jensen

Massachusetts Institute of Technology

Shrinking and Accelerating the Lab - Microreactors in Discovery and Development

3/18/2011

Chaitan Khosla

Stanford University

Modular Biocatalysts

Joseph DeSimone

The University of North Carolina at Chapel Hill

Top-down Nano-fabrication Technologies for the Production of Uniform, Shape-Specific Carriers for Vaccines, Biologics and Small Molecule Drugs

4/9/2010

Mark Davis

Massachusetts Institute of Technology

Biofuels and Metabolic Engineering

4/29/2009

Gregory Stephanopoulos

California Institute of Technology

Nanoparticle Cancer Therapeutics: From Concept to Clinic

4/18/2008

Jeffrey Hubbell

Swiss Federal Institute of Technology

Polymer and Biomolecule in Regenerative Medicine and Immunotherapeutics

11/28/2007

Sangtae Kim

Purdue University

Pharmaceutical Informatics and the Pathway to Personalized Medicines in the Petascale Era

10/6/2006

William Banholzer

Dow Chemical Company

Personal Experience in the Application of Chemical Engineering and Selected Research Topics at Dow

9/23/2005

Thomas F. Kuech

University of Wisconsin-Madison

The Chemical Interface in Microelectronics

Adam Heller

University of Texas at Austin

Drug-Delivering Integrated Therapeutic Systems

9/29/2000

Stuart Churchill

University of Pennsylvania

Fluids

1999

Robert Brown

Massachusetts Institute of Technology

Chemical Engineering of the Microdefects in Silicon Crystals

1999

Eli Ruckenstein

The State University of New York, Buffalo

Thermodynamically Stable Dispersions: Lamellar Liquid Crystals

1998

Louis Hegedus

Elf Autochem

NO SHOW

1997

R. Byron Bird

Wisconsin

Kinetic Theory and Transport Properties of Polymers

1996

Donald R. Paul

Texas

Sorption and Transport of penetrants in Multiphase Polymer Systems

Mark Barteau

University of Delaware

Toward New Catalysis from Metal Oxide Surface Science

1994

Gary Leal

University of California, Santa Barbara

Studies of the Motion of Viscoelastic Liquids in Extensional and Mixed Flows

1993

L.E. (Skip) Scriven

University of Minnesota

Flow, Contact, Transfer: Packed-Bed Contactors Dissected with Porous Media Science; On the Evolution of Chemical Engineering

1992

Andreas Acrivos

The City College of New York

Fluid Skimming and Particle Entrainment into a Circular Side Pore