Department of Chemical Engineering  
Princeton University  
Fall Term 2008

Departmental Seminars  
3:30 pm, Refreshments, A214 E-Quad  
4:00 p.m., A224 E-Quad (Elgin Room)

Richard H. Wilhelm Lecture Series

Frances H. Arnold  
Dick and Barbara Dickinson Professor of Chemical Engineering and Biochemistry at the California Institute of Technology

Refreshments: 3:30 pm, Friend Center FC113  
Lecture: 4:00 pm, Friend Center FC113

September 15  Engineering by Evolution: P450 Tales  
September 16  Protein Innovation by Recombination

September 24  Carlos Rinaldi, University of Puerto Rico  
Suspensions of Magnetic Nanoparticles: From the Nano- to the Macro-scale

October 1  Rathin Datta, Coskata, Inc.  
C1 Metabolism: From the “Hadian” Ocean to Technology for Fuels and Chemicals

October 8  Robert Armstrong, Massachusetts Institute of Technology  
The Global Energy Challenge: Opportunities for Chemical Engineering Research and Education

October 15  Martin Feinberg, The Ohio State University  
Stability and Instability in Complex Chemical Reaction Networks: The Big Picture

October 22  William Koros, Georgia Institute of Technology  
Low Energy Intensive Large Scale Separations

November 5  Tony Ladd, University of Florida  
Dynamics of Elastic Filaments

November 12  Yannis Kaznessis, University of Minnesota  
Multiscale Models for Synthetic Biology

December 3  Linda Petzold, University of California, Santa Barbara  
Multiscale Simulation of Copper Electrodeposition

December 10  Berend Smit, UC Berkeley  
Mesoscopic simulations of transmembrane protein interactions

January 7  Kristi Kiick, University of Delaware  
Macromolecular Approaches in the Tailoring of Multiivalent Interactions