



# *J.D. Lindsay Lecture Series*

2009-2010

Artie McFerrin Department of Chemical Engineering • Texas A&M University

## *Fall 2009*

Jack E. Brown Bldg., Rm 106, 3:00-4:00 PM

09/16/09	Paula Hammond	Massachusetts Institute of Technology Chemical Engineering	Electrostatic Assemblies: reactive to responsive thin films for Energy and Biomaterials Applications
10/07/09	Orlin Velev	North Carolina State University Chemical and Biomolecular Engineering	On-chip Liquid and Particle Manipulation by AC Electric Fields: Applications in Colloidal Assembly and Microfluidics
10/14/09	Greg Stephanopoulos <i>McFerrin Lecture</i>	Massachusetts Institute of Technology Chemical Engineering	Biofuels and Metabolic Engineering
10/15/09			Transcriptional, Metabolomic and Flux Data: What Are They Good For?
10/21/09	Abraham Stroock	Cornell University Chemical and Biomolecular Engineering	Learning from Plants about Water at Negative Pressure
10/28/09	Costas Maranas	Pennsylvania State University Chemical Engineering	Using Computations to Reconstruct, Analyze and Redesign Metabolism

## *Spring 2010*

01/27/10	David Scholl	Georgia Tech Chemical Engineering	Using Computational Modeling to Accelerate Materials Development: Examples from the Quest for High Performance Gas Separation Membranes
02/10/10 – 02/11/10	Charles Zukoski	University of Illinois at Urbana-Champaign Chemical and Biomolecular Engineering	1. Gel and Glass Formation in Suspensions of Anisotropic Particles 2. Agency for Technology and Research in Singapore
2/24/10	Andres Garcia	Georgia Tech Mechanical Engineering	Bioartificial Materials for Enhanced Tissue Repair
03/03/10	Wolfgang Peti	Brown University Medical Science and Chemistry	Structural Analysis of Dephosphorylation Machines: The Prerequisite of Flexibility
03/31/10	William Milne	Cambridge University, UK. Electrical Engineering	Are Carbon Nanotubes the Future of Electronics ?
05/05/10 – 05/06/10	David Tirrell <i>Distinguished Speaker</i>	California Institute of Technology Chemistry and Chemical Engineering	Reinterpreting the Genetic Code: Non-Canonical Amino Acids in Protein Design, Evolution and Analysis

