

CHEMICAL ENGINEERING

DISTINGUISHED SEMINAR SERIES

3:30 p.m., McMillan Auditorium (136 Ross Hall)

Samuel Ginn College of Engineering
Auburn University

September 3

Electrochemical Switching of Biointerfacial Surface Properties to Control Attachment or Release of Living Cells

Dr. Alex Revzin, Assistant Professor
Department of Biomedical Engineering
University of California at Davis



September 10
Location Change
1103 Shelby Center

Biofuel Issues: Energy, Environment and Economics

Dr. David Pimentel, Professor Emeritus
Department of Ecology and Agricultural Sciences
Cornell University



September 17

Hierarchical Structures in Fuel Cell Electrocatalysts: Applications of Nanoscience and Nanotechnology for Power Generation

Dr. Plamen Atanassov, Associate Professor
Department of Chemical & Nuclear Engineering
University of New Mexico



October 15

Computationally Determined Spatial and Temporal Resolution of Fluid Dynamics in Multiphase Flows with Experimental Validation

Dr. Eric Berson, Assistant Professor
Department of Chemical Engineering
University of Louisville



October 22

Carbon Nanotube/Polymer Nanocomposites: Effect of Interfacial Chemistry and Processing on Structure and Properties

Dr. Derrick R. Dean, Associate Professor
Department of Materials Science and Engineering
University of Alabama at Birmingham



November 5

Data-Driven Process Control and Operations

Dr. S. Joe Qin, Professor
Department of Chemical Engineering and Materials Science
University of Southern California



November 13
Time TBA

Molecular Fundamentals of Enzyme Nanogel as a Robust Catalyst

Dr. Zheng Liu, Professor
Department of Chemical Engineering
Tsinghua University

