



Columbia University Department of Chemistry

Fall 2009 Colloquia



Sep-8-10-2009
(Tue-Thu)

The Falk-Plaut Lectures

FIRST LECTURE: "Studies of the torsional properties of single DNA molecules: an old problem with a new twist"

SECOND LECTURE: "The role of topology in the folding cooperativity of a protein"

THIRD LECTURE: "Grabbing the cat by the tail: Discrete steps by a DNA packaging motor and the inter-subunit coordination in a ring-ATPase"

Presented by Prof. Carlos Bustamante, University of California-Berkeley

Hosted by
Prof. Ann McDermott

Sep-17-2009

The Bristol-Myers Squibb Lecture

"Epoxide-Opening Cascades"

Presented by Prof. Timothy Jamison, MIT

"Vignettes in Kinase Inhibitor Drug Discovery: Evolution of a Drug Target Class"

Presented by Dr. Joel Barrish, Vice President, Immunology and Metabolic Diseases Chemistry, Bristol-Myers Squibb

Hosted by
Prof. Scott Snyder

Sep-24-2009

"How Nature Uses Oxygen: Lessons from Enzymes and Model Compounds"

Presented by Prof John T. Groves, Princeton University

Hosted by
Prof. Ronald Breslow

Oct-01-2009

The Boehringer/Ingelheim Lecture

"Asymmetric Catalysis with Chiral H-Bond Donors"

Presented by Prof. Eric Jacobsen, Harvard

Hosted by
Prof. James Leighton

Oct-08-2009

"Nonlinear elastic materials to direct cell growth"

Presented by Prof. Paul Janmey, University of Pennsylvania School of Medicine

Hosted by
Prof. Laura Kaufman

Oct-15-2009

"Finding where the electrons are and what they are doing there: Applications in biology, materials, and catalysis."

Presented by Prof. Dennis L. Lichtenberger, University of Arizona

Hosted by
Prof. Jack Norton

Oct-22-2009

"Insight into Protein Function Through Genome-wide Investigations"

Presented by Prof. Gavin MacBeath, Harvard

Hosted by
Prof. Brent Stockwell

Oct-29-2009

"Chemical Insights from Molecular Force Probes"

Presented by Prof. Roman Boulatov, University of Illinois at Urbana-Champaign

Hosted by
Prof. Jack Norton

Nov-05-2009

"Three-Coordinate Iron Complexes: Synthesis, Electronic Structure, and Insights into Nitrogenase Pathways"

Presented by Prof. Pat Holland, University of Rochester

Hosted by
Prof. Gerard Parkin

Nov-12-2009

"Development and Application of Complexity-Building Reactions"

Presented by Prof. Jeffrey Johnson, University of North Carolina, Chapel Hill

Hosted by
Prof. James Leighton

Nov-19-2009

"Exploring Conductance Switching Properties of Molecular Scale Devices: A Computational Approach"

Presented by Prof. Barry Dunietz, University of Michigan, Ann Arbor

Hosted by
Prof. Richard Friesner

Dec-03-2009

"Putting a spin on chemical processes"

Presented by Prof. Nick Turro, Columbia University

Hosted by
Prof. Nick Turro

Dec-10-2009

"Molecular Plasmonics: Nanoscale Sensing and Spectroscopy"

Presented by Prof. Richard P. Van Duyne, Northwestern University

Hosted by
Prof. Kenneth Eisenthal

All lectures take place on Thursdays in The Brian Bent Memorial Lecture Hall, Room 209 Havemeyer Hall at 4:30pm (unless otherwise indicated)
Tea & cookies will be served in The Miller Seminar Room 328 Havemeyer Hall prior to each lecture.

Please check our web site for updates at: <http://www.columbia.edu/cu/chemistry/misc-pages/calendar.html>.