



Columbia University Department of Chemistry

Fall 2007 Colloquia



- 9/13/2007 Presented by **Prof. Richard Friesner**, Columbia University, "*High Resolution Prediction of the Structure and Energetics of Proteins and Protein-Ligand Complexes*" Host: Prof. David Reichman
- 9/18/2007 (Tuesday) Presented by **Prof. Melanie Sanford**, University of Michigan (Sponsored in part by a grant from the "Be Visible" ACS Women Chemists Committee Speaker Series), "*Synthetic and Mechanistic Investigations of Palladium-Catalyzed C-H bond Functionalization*" Host: The Women in Science at Columbia (WISC)
- 9/20/2007 Presented by **Dr. James Franz**, PNNL, "*The Chemistry of Hydrogen at FeS and MoS Clusters: New Kinetics, Thermochemistry and Theory*" Host: Prof. Jack Norton
- 9/27/2007 **The Arun Guthikonda Memorial Lecture**, Presented by **Prof. Timothy Swager**, MIT, "*Polymer Electronics For Chemical And Biological Sensors*" Host: Prof. Ronald Breslow
- 10/4/2007 Presented by **Prof. Daniel Gamelin**, University of Washington, "*Magnetic Dopants and Charge Carriers in Colloidal Semiconductor Nanocrystals*" Hosts: Profs. Louis Brus and Jack Norton
- 10/11/2007 (Seminar at 3:00) Presented by **Martin Zanni**, University of Wisconsin-Madison, "*Watching amyloid fiber formation with rapid-scan two-dimensional IR spectroscopy*" Host: Prof. Laura Kaufman
- 10/15/2007 (Monday) **The Boehringer Ingelheim Lecture in Organic Synthesis** Presented by **Prof. Paul Knochel**, Ludwig-Maximilians Universität, "*Polyfunctional Zinc and Magnesium Organometallics for Organic Synthesis*" Host: Prof. James Leighton
- 10/18/2007 Presented by **Prof. Phillip Geissler**, University of California-Berkeley, "*Dynamics of organization, and disorganization, at the nanometer scale*" Host: Prof. David Reichman
- 10/25/2007 Presented by **Prof. Andrei Tokmakoff**, MIT, "*Two-Dimensional Infrared Spectroscopy of Protein Conformation and Unfolding*" Host: Prof. David Reichman
- 10/26/2007 (Friday) **The Wyeth Lecture**, Presented by **Prof. Kevan Shokat**, University of California-San Francisco, "*Chemical Genetic Analysis Kinases in Normal and Disease Physiology*" Host: Prof. Koji Nakanishi
- 11/1/2007 (Seminar at 4:00) **The Bristol-Myers Squibb Mini-Symposium in Organic Synthesis** presented by **Dr. Louis Lombardo**, Bristol-Myers Squibb, "*Targeted Therapies in Cancer Research: The Pursuit of Kinase Inhibitors as Oncology Drug Candidates*" and presented by **Prof. Erik Sorensen**, Princeton University, "*Rapid formation of molecular complexity in natural product synthesis*" Host: Prof. Scott Snyder
- 11/8/2007 Presented by **Prof. Younan Xia**, Washington University, St. Louis, "*Putting Nanostructures to Work for Biomedical Research*" Host: Prof. Louis Brus
- 11/15/2007 Presented by **Prof. Marcetta Darensbourg**, Texas A&M, "*The Organometallic Active Sites of Hydrogenase Enzymes*" Host: Prof. Brian Gibney
- 11/29/2007 Presented by **Prof. Rich Jordan**, University of Chicago, "*Synthesis of Functionalized Polyolefins by Insertion Polymerization*" Host: Prof. Jack Norton
- 12/6/2007 Presented by **Prof. Colin Nuckolls**, Columbia University, "*Reaction Chemistry meets Lithography*" Host: Prof. Thomas Katz

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>.