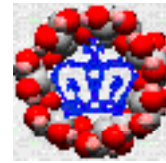




Columbia University Department of Chemistry

Colloquia, Fall 2004



September 9, 2004	<i>"Non-linear Optical Probes of Membrane Physiology."</i>	
Professor Leslie Loew	University of Connecticut Health Center	Sponsor: Prof. Eisenthal
September 16, 2004	<i>"A Bio-Inspired Approach to Ligand Design: The Use of Hydrogen Bonds in Stabilizing Metal-Chalcogenido Motifs."</i>	
Professor Andrew Borovik	University of Kansas	Sponsor: Prof. Parkin
September 23, 2004	<i>"New Chemical Tools for the Control, Manipulation, and Visualization of Signaling Pathways: From Combinatorial Chemistry to Cell Biology."</i>	
Professor David Lawrence	Albert Einstein College of Medicine	Sponsor: Prof. Sames
September 30, 2004	<i>"Site-directed Chemistry at Nanostructured Pt-Sn Alloys and Sn-oxide Films on Pt."</i>	
Professor Bruce Koel	University of Southern California	Sponsor: Prof. Berne
October 7, 2004	<i>"New Nanoscale Soft-Matter Platforms for in vivo Optical Imaging Based upon High Emission Dipole Strength Porphyrin Fluorophores"</i>	
Professor Michael J. Therien	University of Pennsylvania	Sponsor: Prof. Gibney
October 14, 2004	<i>"Metal Catalyzed Oxidation Reactions for Organic Synthesis."</i>	
Professor Matthew Sigman	University of Utah	Sponsor: Prof. Sames
October 19, 2004	IAP LECTURE	
(Tuesday) <i>"Post-translational Modifications by Glycosylations: Synthesis and Structural Characterization of Glycoproteins"</i>		
Professor Shin-Ichiro Nishimura	Hokkaido University	Sponsor: Prof. Nakanishi
October 21, 2004	<i>"TBA"</i>	
Professor John Crocker	University of Pennsylvania	Sponsor: Prof. Kaufman
October 25, 2004	<i>"New Fluorescent Sensors to Study Biochemical Zinc and Nitric Oxide (Monday) and to Monitor Mercury in the Environment."</i>	
Professor Stephen J. Lippard	Massachusetts Institute of Technology	Sponsor: Graduate Students
October 29, 2004	WYETH LECTURE	
(Friday) <i>"Caged Phosphopeptides and Phosphoproteins - Agents for Unraveling Complex Biological Pathways."</i>		
Professor Barbara Imperiali	Massachusetts Institute of Technology	Sponsor: Prof. Nakanishi
November 4, 2004	<i>"Single Molecule Optics and Optoelectronics with Metallic Quantum Dots."</i>	
Professor Robert Dickson	Georgia Institute of Technology	Sponsor: Prof. Flynn
November 11, 2004	<i>"Discovery and Development of Catalysts for Epoxide Transformations."</i>	
Professor Geoffrey Coates	Cornell University	Sponsor: Prof. Sames
November 18, 2004	<i>TBA</i>	
Prof. Martin L. Kirk	University of New Mexico	Sponsor: Prof. Gibney
December 2, 2004	<i>"Chemical Synthesis and Synthetic Biology."</i>	
Professor Dirk Trauner	University of California, Berkeley	Sponsor: Prof. Sames
December 9, 2004	<i>"TBA"</i>	
Professor Louis Brus	Columbia University	