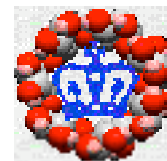




Columbia University Department of Chemistry

Colloquia, Fall 2006



September 7, 2006

"Diversity and Design: New Small Molecule Probes for Biology and Medicine"

Derek Tan

Memorial Sloan-Kettering

Sponsor: Virginia Cornish

September 21, 2006

"Spectroscopy and Dynamics of Free Radicals: Unexpected Nonstatistical Dissociations and Quasiperiodic Trajectories"

Peter Chen

ETH Hönggerberg

Sponsor: Louis Brus

September 28, 2006

"Molecules Under Stress: Mechanisms and Mechanics From Single Molecules to Bulk Materials"

Steve Craig

Duke University

Sponsor: Colin Nuckolls

October 6, 2006
(Friday)

Wyeth Workshop

"Activity-based Proteomics"

Ben Cravatt

The Scripps Research Institute

Sponsor: Koji Nakanishi

October 12, 2006

"High-resolution single-molecule spectroscopy and 3D single-nanoparticle tracking"

Haw Yang

University of California, Berkeley

Sponsor: Ruben Gonzalez

October 19, 2006

"Metal Catalyzed One Step Synthesis: Developing New Routes to Heterocycle and Amino Acid Formation"

Bruce Arndtsen

McGill University

Sponsor: Jack Norton

October 30, 2006
(Monday)

Boehringer Ingelheim Lecture in Organic Synthesis

"Catalysis for Total Synthesis"

Alois Fürstner

Max-Planck-Institut

Sponsor: James Leighton

November 2, 2006

"From Targets to Strategies and Back Again: Some Examples from Complex Molecule Synthesis"

Andrew Phillips

Colorado University

Sponsor: Tristan Lambert

November 9, 2006

"There and Back Again: Homogeneous Catalytic Approaches for Converting Methane to Methanol, and Methanol to a More Interesting Hydrocarbon"

Jay Labinger

Caltech

Sponsor: Jack Norton

November 16, 2006

"Spatial organization and the mechanics of cellular signal transduction"

Jay Groves

University of California, Berkeley

Sponsor: Laura Kaufman

November 30, 2006

"Catalysis with Iron"

Paul Chirik

Cornell University

Sponsor: Gerard Parkin

December 7, 2006
(4:00pm)

The Bristol-Myers Squibb Mini-Symposium in Organic Synthesis

"The Process Development of an MMP Inhibitor: Development and Execution of a Crystallization Driven Dynamic Resolution"

Robert Discordia

Bristol-Myers Squibb

Sponsor: James Leighton

"The Allure of the Guanidinium Toxins as Targets for Chemical Synthesis"

Justin DuBois

Stanford University

Sponsor: James Leighton

December 14, 2006

"Seminar title TBA"

Richard Friesner

Columbia University