



The Department of Chemistry at Columbia University
The Fall 2018 Colloquium Seminar Series



Sep-06-2018

Development and Applications of New Synthetic Strategies for Polymer Science
Brett Fors, Cornell University
Hosted by Luis Campos

Sep-27-2018

Insights into Oxygen Electrochemical Reaction Mechanisms: A Case Study of (La,Sr)MnO₃
Sossina Haile, Northwestern University
Hosted by The Chemistry Graduate Students

Oct-04-2018 (4:00)

BRISTOL-MYERS SQUIBB LECTURE
Single Electron Processes Enabling Organic Synthesis
Gary Molander, University of Pennsylvania
Case Studies on 'Undruggable' Targets
Percy Carter, Bristol-Myers Squibb
Hosted by James Leighton

Oct-11-2018

Vibrational energy and shock waves in liquids, solids and surfaces
Dana Dlott, University of Illinois, Urbana-Champaign
Hosted by Kenneth Eisenthal



Oct-17-2018 (Wed. at 11:30am in 309)

MERCK LECTURE
Dearomative Functionalization Strategies and Synthesis of Anticancer Natural Products
David Sarlah, University of Illinois at Urbana-Champaign
Hosted by Tom Rovis

Oct-18-2018

Metal Hydride Thermochemistry as a Tool for Catalyst Development
Alex Miller, University of North Carolina, Chapel Hill
Hosted by Gerard Parkin

Oct-25-2018

Making Solar Fuels
Thomas J. Meyer, University of North Carolina, Chapel Hill
Hosted by Jack Norton

Nov-01-2018

Tabletop femtosecond X-ray absorption reveals dynamics of photocatalysts and organohalide perovskite semiconductors
Josh Vura-Weis, University of Illinois at Urbana-Champaign
Hosted by Xiaoyang Zhu

Nov-08-2018

Molecular Complexity and Inorganic Chemistry: Utilizing Non-Covalent Interactions to Control Function
Andy Borovik, University of California, Irvine
Hosted by Gerard Parkin

Nov-15-2018

Electrophysiology, Unplugged: Fluorescent Indicators to Watch Cells and Neurons in Action
Evan Miller, University of California, Berkeley
Hosted by Dalibor Sames

Nov-29-2018

Structure and Dynamics of HIV-1 Protein Assemblies by Integrated MAS NMR Spectroscopy, MD Simulations, and Density Functional Theory
Tatyana Polenova, University of Delaware
Hosted by Ann McDermott

Dec-06-2018

GILBERT STORK LECTURE
New Metal Catalyzed Reactions for Organic Synthesis
Melanie Sanford, University of Michigan
Hosted by Tom Rovis



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DEPARTMENT OF CHEMISTRY