



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



Jan-18-2018

PADWA LECTURE

Selective Halogenation and the Study of Unusual Lipids

Noah Burns, Stanford University
Hosted by James Leighton

Jan-25-2018

The Role of Interfaces on the Dynamics of Molecules

Michael Fayer, Stanford University
Hosted by Ken Eisenhal

Feb-01-2018

Inverting Ligand Fields

Roald Hoffmann, Cornell University
Hosted by Jon Owen

Feb-09-2018 (Fri)

CELGENE LECTURE

Synthetic Studies Toward Complex Natural Products

Thomas Maimone, University of California Berkeley
Expanding the Druggable Genome through Cereblon-Mediated Protein Degradation
Lawrence Hamann, Celgene
Hosted by Tom Rovis

Feb-22-2018

Macromolecular metamorphosis: Stimulus-triggered topological transformations of polymer architecture

Brent Sumerlin, University of Florida
Hosted by Luis Campos

Mar-01-2018

Degenerately Doped Colloidal Quantum Dots: Redox and Spectroscopic Properties

Daniel Gamelin, University of Washington, Seattle
Hosted by Xavier Roy

Mar-08-2018

Metalloradical Catalysis for Stereoselective Radical Reactions

X. Peter Zhang, Boston College
Hosted by Jack Norton

Mar-29-2018

Strategies and Methods for Chemical Synthesis Inspired by Natural Products

Richmond Sarpong, University of California Berkeley
Hosted by the Chemistry Graduate Students

Apr-12-2018

Dynamical Consistency in Sustainable Nanoparticles

Rigoberto Hernandez, Johns Hopkins University
Hosted by Ruben Gonzalez

Apr-19-2018

GRANDPIERRE LECTURE

Ti-Catalyzed Nitrene Transfer Reactions: Harnessing the Ti^{II}/Ti^{IV} Redox Couple for New Organic Methods

Ian Tonks, University of Minnesota
Hosted by the Chandler Society and Laura Kaufman

Apr-26-2018

Alkyne annulations for a facile synthesis of soluble polycyclic aromatics and graphene nanoribbons

Wesley Chalifoux, University of Nevada
Hosted by James Leighton

May-03-2018

Single molecule dynamics at soft interfaces: from basic science to a \$100,000,000,000 problem

Christy Landes, Rice University
Hosted by Laura Kaufman

May-10-2018

Synthetic approaches to protein stabilization

Heather Maynard, University of California, Los Angeles
Hosted by Luis Campos

May-24-2018

C-C and C-H functionalization of ketones
Guangbin Dong, University of Chicago
Hosted by Tom Rovis

Jun-01-2018 (Fri)

BRISTOL-MYERS SQUIBB LECTURE

Abigail Doyle, Princeton University
The design and synthesis of novel PD-L1 PET radioligands for non-invasive checkpoint inhibitor imaging

David Donnelly, BMS
Hosted by Tom Rovis



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IN THE CITY OF NEW YORK