

THE DEPARTMENT OF CHEMISTRY AT COLUMBIA UNIVERSITY

THE 7 2024 COLLOQUIUM SEMINAR SERIES



Sept 5 - Novartis Lecture - Discovery of a Brain-Sparing GIRK1/4 Ion Channel Inhibitor for Pharmacological Cardioversion of Atrial Fibrillation - Stefan Peukert, Novartis and Natural Product Antibiotics: Past, Present, Future -Mohammad R. Seyedsayamdost, Princeton (Shah)

Sept 12 - Steering Spin—Valley Polarizations through Phonons and Photons

Roel Tempelaar, Northwestern University (Reichman)

Sept 19 - Reimagining Porous Materials for a Sustainable Future **Dianne Xiao**, University of Washington (Roy)

Sept 26 - Stork Lecture - Exploring Science with Phenine Nanocarbon Molecules

Hiroyuki Isobe, University of Tokyo (Nuckolls)

Oct 3 - TBA
Liuyan Zhao, Unversity of Michigan (Delor)

Oct 10 - The Photophysics and Photochemistry of First-row Transition Metal Complexes: Quantum Coherence, the Marcus Inverted Region, and Applications in Excited-state Chemistry James McCusker, Michigan State (Owen) Oct 17 - BioInspired Self-Organization to Build the Materials of Tomorrow

Jennifer Ross, Syracuse University (Kaufman)

Oct 24 - Functional and Sustainable Thermoplastics through C–H Functionalization and Stereoselective Polymerization Frank Leibfarth, University of North Carolina at Chapel Hill (Campos)

Oct 31 - R&B Guthikonda Lecture - Machine-Learning-Accelerated Photodynamics Simulations in Complex Environments Harry Gray, CalTech (Parkin)

Nov 7 - TBA

Ji-Xin Cheng, Boston University (Min)

Nov 14 - Student Sponsored - *TBA*

Nov 21 - *TBA*Stosh Kozimo, University of Nebraska–Lincoln (Parkin)

Dec 5 - Padwa Lecture - New Strategies for the Synthesis and Functionalization of Small Rings **Sophie Rousseaux,** University of Toronto (Rovis)