

# Department of Chemistry

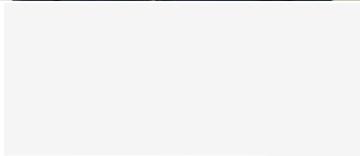
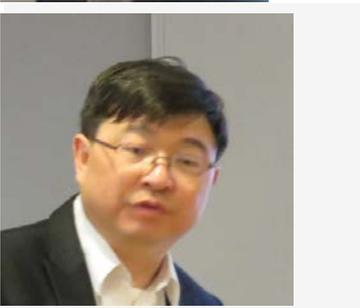
## Departmental Seminar – Year 2018

Date	Speaker	Seminar Title	Host	Photo
21 Dec 2018 (Fri)	<b>Prof. Cheuk-Wai So</b> Nanyang Technological University	Base-stabilized Silicon(I) Complexes and Their Application towards Catalysis	Dr. Vincent KO	
12 Dec 2018 (Wed)	<b>Prof. Pierre Braunstein</b> Centre National de la Recherche Scientifique (CNRS) University of Strasbourg, France	Selective Metalation of N-Heterocyclic Carbene-Based Pincer Ligands and Catalytic Applications	Prof. Michael Chan	
4 Dec 2018 (Tue)	<b>Prof. Yinsheng Wang</b> Department of Chemistry University of California, Riverside, US	Chemistry and Biology of Nucleic Acid- and Nucleotide-Binding Proteins	Dr. Chun-Kit Kwok	
4 Dec 2018 (Tue)	<b>Prof. Michelle L. Coote</b> ARC Centre of Excellence for Free-Radical Chemistry and Biotechnology Research School of Chemistry Australian National University	Catalyzing and Controlling Chemical Reactions with Electric Fields	Dr. K C LAU	
27 Nov 2018 (Tue)	<b>Prof. Choon-Hong TAN</b> School of Physical & Mathematical Sciences Division of Chemistry and Biological Chemistry Nanyang Technological University	Chiral Cationic Ion-Pairing Catalysis	Prof. H L KWONG	
1 Nov 2018 (Thu)	<b>Prof. Michael Zaworotko</b> Bernal Chair of Crystal Engineering Co-Director Synthesis and Solid State Pharmaceutical Centre Science Foundation of Ireland Research Professor University of Limerick, Ireland	Crystal Engineering: Then and Now	Prof. Zhengtao XU	

8 Oct 2018 (Mon)	<b>Prof. Dr. Konrad Szaciłowski</b> Academic Centre for Materials and Nanotechnology AGH University of Science and Technology Kraków, Poland	Photoelectrochemistry of hybrid materials: From simple switches to sensors and advanced computing devices	Prof. Kenneth LO	
4 Oct 2018 (Thu)	<b>Prof. Xuechen LI</b> Department of Chemistry The University of Hong Kong	Chemical Biology Studies on Synthetic Biomolecules	Dr. Hongyan SUN	
12 Sep 2018 (Wed)	<b>Prof. Michael George</b> School of Chemistry University of Nottingham, UK	Photochemistry, Spectroscopy and Supercritical Fluids: From Organometallic Alkane Complexes and C-H Activation to the Synthesis of Anti Malarial Drugs	Prof. Kenneth LO	
11 Sep 2018 (Tue)	<b>Prof. Hao Ming CHEN</b> Department of Chemistry National Taiwan University, Taiwan	In-situ Realize the Behaviors of Metal Centers during the Chemical Reactions	Dr. Guangyu ZHU	
11 Sep 2018 (Tue)	<b>Prof. Yi-Tsu CHAN</b> Department of Chemistry National Taiwan University, Taiwan	Self-Assembly Methodologies for Rational Construction of Metallo-Supramolecular Architectures	Dr. Guangyu ZHU	
11 Sep 2018 (Tue)	<b>Prof. Pi-Tai CHOU</b> Distinguished Chair Professor, Department of Chemistry Director, Center for Emerging Materials and Advanced Devices National Taiwan University, Taiwan	Harnessing the Photophysical Properties of Materials via Control of Excited-State Reactions	Dr. Guangyu ZHU	
24 Aug 2018 (Fri)	<b>Dr. Xuemin DU</b> Shenzhen Institutes of Advanced Technology (SIAT), Chinese Academy of Sciences (CAS), Shenzhen, PR China	Bioinspired Sensing and Actuating Materials	Prof. Michael LAM	
13 Aug 2018 (Mon)	<b>Dr. Filipe VILELA</b> Heriot-Watt University Edinburgh, UK	Photocatalytic reactionware in flow: a new paradigm in photochemistry	Prof. Zhengtao XU	

7 Aug 2018 (Tue)	<b>Prof. Hanyang YU</b> College of Engineering and Applied Sciences Nanjing University	In vitro selection of functional xeno-nucleic acids (XNAs)	Dr. Peggy LO	
3 Jul 2018 (Tue)	<b>Dr. Dianqing SUN</b> Department of Pharmaceutical Sciences The Daniel K. Inouye College of Pharmacy University of Hawaii at Hilo	Natural Product-Inspired New Antibacterial Agents	Dr. Hongyan SUN	
31 May 2018 (Thu)	<b>Prof. Anh Tuân Phan</b> School of Physical and Mathematical Sciences Nanyang Technological University Singapore	Structure and recognition of G-quadruplex nucleic acids	Dr. Chun Kit KWOK	
28 May 2018 (Mon)	<b>Prof. Kazuaki Ishihara</b> Graduate School of Engineering, Nagoya University Chikusa, Nagoya, Japan	Rational Design of High Performance Catalysts Based on Acid-Base Combination Chemistry	Prof. H L KWONG	
23 May 2018 (Wed)	<b>Mr. Chi-Chung LEE</b> Product & Sales Manager Bruker Scientific Instruments HK	Update on Mass Spectrophotometric Instrumentation for Proteomic Studies (1) Digging deeper into proteome with timsTOF Pro Powered by PASEF™ (2) Target screening and non-target analysis in single high resolution QTOF platform	Prof. Michael LAM	

18 May 2018 (Fri)	<b>Prof. Jeremy SMITH</b> Department of Chemistry Indiana University USA	Nitrogen Atom Transfer as Strategy for Accessing New Reactions and Stabilizing New Ligands	Prof. T C LAU	
18 May 2018 (Fri)	<b>Prof. Hua ZHANG</b> Center for Programmable Materials School of Materials Science and Engineering Nanyang Technological University	Crystal Phase-Engineering of Novel Nanomaterials	Dr. Guangyu ZHU	
18 May 2018 (Fri)	<b>Dr. Bobo DANG</b> Department of Pharmaceutical Chemistry School of Pharmacy University of California, San Francisco	Protein Structure and Function Studies through Synthetic and Engineering Approaches	Prof. Michael LAM	
14 May 2018 (Mon)	<b>Dr. Nai-Kei WONG</b> Nonclinical professor Third People's Hospital of Shenzhen Shenzhen University School of Medicine	Probing reactive oxygen species (ROS): relevance to antimicrobial resistance and bacterial pathogenesis	Dr. Yun Wah LAM	
8 May 2018 (Tue)	<b>Prof. Tiow-Gan ONG</b> Institute of Chemistry Academia Sinica Taipei, Taiwan	Carbone and Catalysis	Dr. Vincent KO	

26 Apr 2018 (Thu)	<b>Dr. Olivier MAURY</b> Directeur de recherches CNRS "Chimie pour l'optique", laboratoire de chimie de l'ENS-Lyon France	Lanthanide Bioprobe for Biphotonic Microscopy Enabling Spatial, Spectral and Temporal Resolution.	Prof. Kenneth LO	
24 Apr 2018 (Tue)	<b>Dr. Zonglong ZHU</b> Department of Chemistry The Hong Kong University of Science and Technology	Material Innovation and Interface Engineering to Improve the Performance and Stability of Perovskite Solar Cells	Prof. Michael LAM	
17 Apr 2018 (Tue)	<b>Dr. Ruquan YE</b> Massachusetts Institute of Technology	Engineering of Materials at Nanoscale and Atomic-Level for Energy Conversion Applications	Prof. Michael LAM	
28 Mar 2018 (Wed)	<b>Prof. Chia-Ching CHANG</b> Department of Biological Science and Technology Chiao Tung University, Hsinchu, Taiwan Research Fellow, Institute of Physics Academia Sinica, Taipei, Taiwan	Convert genetic material to conducting nanowire devices	Prof. C S LEE	
26 Mar 2018 (Mon)	<b>Prof. Marc ROBERT</b> Laboratoire Electrochimie Moléculaire Université Paris Diderot France	Solar fuels from CO2 catalytic reduction. Producing CO and CH4 with Fe molecular complexes	Prof. T C LAU	

<p>13 Feb 2018 (Tue)</p>	<p><b>Prof. Ricky M. S. WONG</b> Department of Chemistry Hong Kong Baptist University</p>	<p>Alzheimer's Disease: From Detection, Diagnostics to Therapeutic</p>	<p>Dr. Peggy LO</p>	
<p>9 Feb 2018 (Fri)</p>	<p><b>Prof. Jer-Lai KUO</b> Institute of Atomic and Molecular Science Academia Sinica, Taiwan</p>	<p>Computational Material Design of Two Dimensional Materials and Their Energy Applications</p>	<p>Dr. Andy SIU</p>	
<p>2 Feb 2018 (Fri)</p>	<p><b>Prof. Biwu MA</b> Department of Chemical &amp; Biomedical Engineering FAMU-FSU College of Engineering Florida State University</p>	<p>Organic-Inorganic Metal Halide Hybrids Beyond Perovskites: New Structures, Properties, and Applications</p>	<p>Dr. Guangyu ZHU</p>	
<p>24 Jan 2018 (Wed)</p>	<p><b>Prof. James MAYER</b> Charlotte Fitch Roberts Professor of Chemistry Department of Chemistry Yale University</p>	<p>A Proton-Coupled Electron Transfer Viewpoint on X–H Bond Activation, O<sub>2</sub> Electrocatalysis, and Reactivity of Oxide Nanocrystals.</p>	<p>Prof. T C LAU</p>	

<p>22 Jan 2018 (Mon)</p>	<p><b>Prof. Tobin J. Marks</b> Northwestern University USA</p>	<p>Surface Science Meets Homogeneous Catalysis</p>	<p>Dr. Michael Chan (CHEM) Dr. Abhijit Pramanick (MSE)</p>	
<p>16 Jan 2018 (Tue)</p>	<p><b>Prof. Susumu KITAGAWA</b> Institute for Integrated Cell-Material Sciences (iCeMS) Institute for Advanced Study (KU-IAS) Kyoto University, Japan</p>	<p>Welcome to the World of Small Spaces — Porous Coordination Polymer (PCP) and Metal-Organic Framework (MOF) —</p>	<p>Dr. Hajime HIRAO</p>	
<p>8 Jan 2018 (Mon)</p>	<p><b>Dr. Yung-Che TSENG</b> Academia Sinica, Taiwan</p>	<p>Predicting homeostatic effects on marine medaka to enable addressing the impacts of ocean acidification</p>	<p>Dr. Doris AU</p>	