



**UGC AoE on Institute of Molecular Functional Materials
Workshop**

29 August 2015

**Department of Chemistry
The Hong Kong University of Science and Technology**

Invited Speakers:

Dr. Lingjing Chen, City University of Hong Kong

Dr. Yuncong Chen, The Hong Kong University of Science and Technology

Dr. Kai Li, The University of Hong Kong

Dr. Nelson Chun-Ting Poon, The University of Hong Kong

Dr. Jesse Roose, The Hong Kong University of Science and Technology

Mr. Jason Ho-Leung Au Yeung, The University of Hong Kong

Mr. Song Chen, Hong Kong Baptist University

Mr. Kwan-Yin Cheung, The Chinese University of Hong Kong

Mr. Theo Tin-Ki Chui, The Chinese University of Hong Kong

Mr. Yingying Liu, City University of Hong Kong

Ms. Kitty Kwan-Ting Yeung, The University of Hong Kong

Mr. Kai Zhang, Hong Kong Baptist University

**Venue: Lecture Theater, G/F, Lo Ka Chung Building,
Lee Shau Kee Campus, HKUST**

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Lecture Theater, G/F, Lo Ka Chung Building, Lee Shau Kee Campus

The Hong Kong University of Science and Technology

29 August 2015 (Saturday)

09:15 – 09:30	A Colorimetric and Ratiometric Sensor for Hg²⁺ Detection Based on Aggregation-Induced Emission Luminogen <i>Dr. Yuncong Chen, The Hong Kong University of Science and Technology</i>
09:30 – 09:45	Supramolecular Chemistry of Click Oligomers <i>Mr. Theo Tin-Ki Chui, The Chinese University of Hong Kong</i>
09:45 – 10:00	Blue-Emitting Pt(II) Complexes Supported by Tetradentate Dianionic Bis(phenolate-NHC) Ligand <i>Dr. Kai Li, The University of Hong Kong</i>
10:00 – 10:15	Steric Effect and Electronic Structure at the Naphthodithienothiophene-based Photosensitizers/TiO₂ Interface <i>Mr. Kai Zhang, Hong Kong Baptist University</i>
10:15 – 10:30	Transformable Nanostructures of Platinum-Containing Organosilane Hybrids Assisted by Pt···Pt and $\pi - \pi$ Stacking Interactions of Alkynylplatinum(II) Terpyridine Moieties <i>Mr. Jason Ho-Leung Au Yeung, The University of Hong Kong</i>
10:30 – 10:45	A Seven-Coordinate Osmium(V) Oxo Complex: [Os^V(qpy)(pic)Cl(O)]²⁺ <i>Mr. Yingying Liu, City University of Hong Kong</i>
10:45 – 11:05	Coffee Break
11:05 – 11:20	Heptagon-embedded Aromatic Saddles <i>Mr. Kwan-Yin Cheung, The Chinese University of Hong Kong</i>
11:20 – 11:35	Synthesis and Properties of Chiral Boron-Based AIE Dyes <i>Dr. Jesse Roose, The Hong Kong University of Science and Technology</i>
11:35 – 11:50	Boron(III)-Containing Donor-Acceptor Compounds for High-Performance Multi-Level Organic Resistive Memory Devices <i>Dr. Nelson Chun-Ting Poon, The University of Hong Kong</i>
11:50 – 12:05	Luminescent Tungsten Complexes: Photo-physics, Materials Application and Photo-catalysis <i>Ms. Kitty Kwan-Ting Yeung, The University of Hong Kong</i>
12:05 – 12:20	Molecular Catalysis of the Electrochemical and Photochemical Reduction of CO₂ with Earth Abundant Metal Complexes. Selective Production of CO vs HCOOH by Switching of the Metal Center <i>Dr. Lingjing Chen, City University of Hong Kong</i>
12:20 – 12:35	Porphyrin-based Small Molecules for Photovoltaic Applications <i>Mr. Song Chen, Hong Kong Baptist University</i>
