

UGC Areas of Excellence Scheme

Institute of Molecular Functional Materials

Research Symposium

30 November 2017 – 1 December 2017

Plenary Speakers

Professor Takuzo Aida
The University of Tokyo, Japan

Professor Daoben Zhu
Chinese Academy of Sciences, PR China

Professor Jonas Peters
California Institute of Technology, USA

Local Speakers

Professor Chi-Ming Che
The University of Hong Kong

Dr. Kai-Chung Lau
City University of Hong Kong

Professor Hak-Fun Chow
The Chinese University of Hong Kong

Dr. Ken Cham-Fai Leung
Hong Kong Baptist University

Professor Tai-Chu Lau
City University of Hong Kong

Dr. Kai Li
The University of Hong Kong

Professor Man-Shing Wong
Hong Kong Baptist University

Dr. Dong Wang
The Hong Kong University of Science & Technology

Professor Wai-Yeung Wong
Hong Kong Baptist University

Dr. Kaka Zhang
The University of Hong Kong

Professor Vivian Wing-Wah Yam
The University of Hong Kong

Dr. Zheng Zheng
The Hong Kong University of Science & Technology

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30 November 2017 (Thursday)

Venue of Morning Session: Wang Gungwu Lecture Hall, Graduate House, HKU

09:10 – 09:15	Opening Remarks
09:15 – 10:15	Non-equilibrated Supramolecular Chemistry and Materials Science <i>Professor Takuzo Aida, The University of Tokyo, Japan</i>
10:15 – 10:40	Versatile Metal-Ligand Chromophoric Building Blocks - From Simple Discrete Metal Complexes to Ensembles, Conjugates, Nano-Assemblies and Functions <i>Professor Vivian Wing-Wah Yam, The University of Hong Kong</i>
10:40 – 11:00	Coffee Break
11:00 – 11:25	Carbazole-Bridged Far Red AIEgen: Crystal Polymorphism, Self-Assembly and Optical Waveguide <i>Dr. Zheng Zheng, The Hong Kong University of Science and Technology</i>
11:25 – 11:50	Manipulation of Nanostructures in Supramolecular Co-Assembly of Platinum(II) Complexes and Block Copolymers <i>Dr. Kaka Zhang, The University of Hong Kong</i>
11:50 – 12:15	Controlled Molecular Shuttling for Organocatalysis and Drug Delivery <i>Dr. Ken Cham-Fai Leung, Hong Kong Baptist University</i>
12:15 – 13:45	Lunch

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30 November 2017 (Thursday)

Venue of Afternoon Session: Lecture Theatre T6, Meng Wah Complex, HKU

13:45 – 14:10	Recent Advances in Luminescent Transition Metal Complexes <i>Professor Wai-Yeung Wong, Hong Kong Baptist University</i>
14:10 – 14:35	Multiphoton Excited Fluorescent Materials for Frequency Upconversion Stimulated Blue Emission and Lasing <i>Professor Man-Shing Wong, Hong Kong Baptist University</i>
14:35 – 15:00	Facile Access to Red/NIR AIEgens for Simultaneous Dual Applications of Imaging and Therapy <i>Dr. Dong Wang, The Hong Kong University of Science and Technology</i>
15:00 – 15:25	Further Progress in the Synthesis and Properties of Nonplanar Nanographenes <i>Professor Hak-Fun Chow, The Chinese University of Hong Kong</i>
15:25 – 16:05	Poster Session* & Coffee Break
16:05 – 16:30	Theoretical Study of Mechanisms for Oxidation of Cyclohexane by Ruthenium Tetroxide (RuO₄) and Perruthenate (RuO₄⁻) <i>Dr. Kai-Chung Lau, City University of Hong Kong</i>
16:30 – 17:30	Towards State-of-the-art Organic Thermoelectric Materials: Opportunities and Challenges <i>Professor Daoben Zhu, Chinese Academy of Sciences, P. R. China</i>

* Venue for Poster Session: Chemistry Department Lobby, G/F, Chong Yuet Ming Chemistry Building

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30 November 2017 - 1 December 2017

1 December 2017 (Friday)

Venue of Morning Session: Lecture Theatre T6, Meng Wah Complex, HKU

09:10 – 09:35	Air-Stable Blue Phosphorescent Platinum(II) Complexes as Powerful Photoreductant and Photosensitizer for Organic Synthesis <i>Dr. Li Kai, The University of Hong Kong</i>
09:35 – 10:00	d² Nitrido Complexes as Oxidation Catalysts <i>Professor Tai-Chu Lau, City University of Hong Kong</i>
10:00 – 10:25	Metal-Organic Framework Composites with Luminescent Pincer Platinum(II) Complexes: ³MMLCT Emission and Photoinduced Dehydrogenation Catalysis <i>Professor Chi-Ming Che, The University of Hong Kong</i>
10:25 – 10:50	Coffee Break
10:50 – 11:50	Synthetic Single-Site Iron Nitrogenases <i>Professor Jonas Peters, California Institute of Technology, USA</i>
11:50 – 12:00	Closing Remarks
