

UGC Areas of Excellence Scheme

Institute of Molecular Functional Materials

Research Symposium

1-2 November 2013

Plenary Speakers

Professor Takuzo Aida
The University of Tokyo, Japan

Professor Jonas C. Peters
California Institute of Technology, USA

Professor Jean-Marie Lehn
Université de Strasbourg, France

Local Speakers

Professor Chi-Ming Che
The University of Hong Kong

Dr. Chi-Chiu Ko
City University of Hong Kong

Professor Tai-Chu Lau
City University of Hong Kong

Dr. Clive Yik-Sham Chung
The University of Hong Kong

Professor Qian Miao
The Chinese University of Hong Kong

Dr. Jie Li
The Hong Kong University of Science & Technology

Professor Man-Shing Wong
Hong Kong Baptist University

Mr. Pui-Keong Chow
The University of Hong Kong

Professor Wai-Yeung Wong
Hong Kong Baptist University

Mr. Yibin Jiang
The Hong Kong University of Science & Technology

Professor Vivian Wing-Wah Yam
The University of Hong Kong

Mr. Chun-Fai Ng
The Chinese University of Hong Kong

Venue: Lecture Theatre T6, Meng Wah Complex

UGC AoE on Institute of Molecular Functional Materials

Research Symposium

Lecture Theatre T6, Meng Wah Complex
The University of Hong Kong, Hong Kong

November 1, 2013 (Friday)

09:10 – 09:15	Opening Remarks
09:15 – 10:15	Catalytic Reduction of Nitrogen to Ammonia by an Iron Complex <i>Professor Jonas C. Peters, California Institute of Technology, USA</i>
10:15 – 10:40	C-H Bond Activation by Nitrido Complexes <i>Professor Tai-Chu Lau, City University of Hong Kong</i>
10:40 – 11:00	Coffee Break
11:00 – 11:25	Impact of Alkyl Side Chains on the Photovoltaic and Charge Mobility Properties of Naphthodithiophene-Benzothiadiazole Copolymers <i>Professor Man-Shing Wong, Hong Kong Baptist University</i>
11:25 – 11:50	Luminescent Palladium(II) Complexes with Tridentate R-C^N^N-R' and Tetradentate O^N^C^N Ligands: Photophysics, Photochemical Properties, and Applications <i>Mr. Pui-Keong Chow, The University of Hong Kong</i>
11:50 – 12:15	Investigation of AIE Materials as Scattering Layer for Improving Light Extraction in Organic Light-Emitting Diodes <i>Mr. Yibin Jiang, The Hong Kong University of Science and Technology</i>
12:15 – 13:45	Lunch
13:45 – 14:10	Recent Advances on Metallophosphors for OLED and Chemosensing Applications <i>Professor Wai-Yeung Wong, Hong Kong Baptist University</i>
14:10 – 14:35	Rhenium(I)-Diimine and Ruthenium(II)-Diimine Complexes – Photophysics, Photocatalysis and Device Applications <i>Dr. Chi-Chiu Ko, City University of Hong Kong</i>
14:35 – 15:00	Synthesis and Properties of Metallo-Macrocyclic Supramolecular Assemblies <i>Mr. Chun-Fai Ng, The Chinese University of Hong Kong</i>
15:00 – 15:25	Bio-Mimetic and Photochemical Oxidation of Light Alkanes by Transition Metal Complexes <i>Professor Chi-Ming Che, The University of Hong Kong</i>
15:25 – 16:05	Poster Session* & Coffee Break
16:05 – 16:30	Near-Infrared Luminescent Alkynylplatinum(II) Terpyridine Complex – Poly(phenylene ethynylene sulfonate) Ensembles: Self-Assembly, Förster Resonance Energy Transfer and Label-Free Detection of Proteins and DNA <i>Dr. Clive Yik-Sham Chung, The University of Hong Kong</i>
16:30 – 17:30	Advanced Molecular Design for Functional Organic Materials <i>Professor Takuzo Aida, The University of Tokyo, Japan</i>

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

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November 2, 2013 (Saturday)

09:10 – 09:35	From Simple Discrete Metal Complexes to Supramolecular Assemblies and Structures <i>Professor Vivian Wing-Wah Yam, The University of Hong Kong</i>
09:35 – 10:00	Molecular Engineering and Interface Engineering for N-Type Organic Semiconductors <i>Professor Qian Miao, The Chinese University of Hong Kong</i>
10:00 – 10:25	Tuning the Singlet-Triplet Energy Gap of AIE Luminogens <i>Dr. Jie Li, The Hong Kong University of Science and Technology</i>
10:25 – 10:55	Poster Session* & Coffee Break
10:55 – 11:55	From Supramolecular Chemistry to Adaptive Chemistry and Dynamic Networks <i>Professor Jean-Marie Lehn, Université de Strasbourg, France</i>
11:55 – 12:00	Closing Remarks

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