

**UGC Area of Excellence Scheme**

**Institute of Molecular Functional Materials**

**Research Symposium**

*23-24 November 2015*

**Plenary Speakers**

**Professor Jean-Marie Lehn**  
*Université de Strasbourg, France*

**Professor Daoben Zhu**  
*Chinese Academy of Sciences, PR China*

**Keynote Speaker**

**Dr. Mihail Barboiu**  
*Institut Européen des Membranes, France*

**Local Speakers**

**Professor Chi-Ming Che**  
*The University of Hong Kong*

**Professor Vivian Wing-Wah Yam**  
*The University of Hong Kong*

**Professor Hak-Fun Chow**  
*The Chinese University of Hong Kong*

**Dr. Chi-Chiu Ko**  
*City University of Hong Kong*

**Professor Tai-Chu Lau**  
*City University of Hong Kong*

**Dr. Xingguo Gu**  
*The Hong Kong University of Science & Technology*

**Professor Man-Shing Wong**  
*Hong Kong Baptist University*

**Dr. Zikai He**  
*The Hong Kong University of Science & Technology*

**Professor Wai-Yeung Wong**  
*Hong Kong Baptist University*

**Dr. Glenna So-Ming Tong**  
*The University of Hong Kong*

**Professor Jianbin Xu**  
*The Chinese University of Hong Kong*

**Mr. Alan Kwun-Wa Chan**  
*The University of Hong Kong*

**Venues AM: Wang Gungwu Lecture Hall, Graduate House  
PM: Lecture Theatre T6, Meng Wah Complex**

# UGC AoE on Institute of Molecular Functional Materials

## Research Symposium

23-24 November 2015

23 November 2015 (Monday)

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

---

09:10 – 09:15	Opening Remarks
09:15 – 10:15	<b>Strategies towards High Performance Organic Thermoelectric Materials and Functional Devices</b> <i>Professor Daoben Zhu, Chinese Academy of Sciences, P. R. China</i>
10:15 – 10:40	<b>Strongly Luminescent Palladium(II) Complexes. Synthesis, Photophysical Properties and Applications</b> <i>Professor Chi-Ming Che, The University of Hong Kong</i>
10:40 – 11:00	Coffee Break
11:00 – 11:25	<b>Novel Thienoacene-Based Semiconducting Materials for Organic Electronics</b> <i>Professor Man-Shing Wong, Hong Kong Baptist University</i>
11:25 – 11:50	<b>Towards High-Performance Field-Effect Transistors (FETs) with High-k Dielectric and Interface Engineering</b> <i>Professor Jianbin Xu, The Chinese University of Hong Kong</i>
11:50 – 12:15	<b>A Mitochondrion-Specific Photoactivatable Fluorescent Turn-On Bioprobe for Super-Resolution Imaging under Physiological Conditions without Additives</b> <i>Dr. Xinggui Gu, The Hong Kong University of Science and Technology</i>
12:15 – 13:45	Lunch

---

# UGC AoE on Institute of Molecular Functional Materials

## Research Symposium

23-24 November 2015

23 November 2015 (Monday)

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

---

13:45 – 14:10	<b>Recent Advances in Conjugated Polymers and Small Molecules for Sunlight-to-Electrical Energy Conversion</b> <i>Professor Wai-Yeung Wong, Hong Kong Baptist University</i>
14:10 – 14:35	<b>Luminescent Rhenium(I) NHC Complexes – Photophysics, Photocatalysis and Anion-Sensing</b> <i>Dr. Chi-Chiu Ko, City University of Hong Kong</i>
14:35 – 15:00	<b>Subtle Changes in Ligands have Significant Impact on the Phosphorescence Efficiency of d<sup>8</sup> Cyclometalated Transition Metal Complexes: A Theoretical Perspective</b> <i>Dr. Glenna So-Ming Tong, The University of Hong Kong</i>
15:00 – 15:25	<b>Supramolecular Chemistry of Oligoamides and Polyamides: Synergism, Gelation, Self-Sorting and Sensing</b> <i>Professor Hak-Fun Chow, The Chinese University of Hong Kong</i>
15:25 – 16:05	Poster Session* & Coffee Break
16:05 – 16:30	<b>Multiaddressable Molecular Rectangles with Reversible Host-guest Interactions: Modulation of pH-Controlled Guest Release and Capture</b> <i>Mr. Alan Kwun-Wa Chan, The University of Hong Kong</i>
16:30 – 17:30	<b>From Natural to Biomimetic Artificial Water and Ion-Channel Systems</b> <i>Dr. Mihail Barboiu, Institut Européen des Membranes, France</i>

---

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

# UGC AoE on Institute of Molecular Functional Materials

## Research Symposium

23-24 November 2015

24 November 2015 (Tuesday)

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

---

09:10 – 09:35	<b>From Simple Discrete Metal Complexes to Supramolecular Assembly and Nanostructures</b> <i>Professor Vivian Wing-Wah Yam, The University of Hong Kong</i>
09:35 – 10:00	<b>AIE-Active Macrocycles with Möbius, Penrose-Stair and Radialene Topologies</b> <i>Dr. Zikai He, The Hong Kong University of Science and Technology</i>
10:00 – 10:25	<b>Catalytic Water and Alkane Oxidation Based on Seven-Coordinate Metal Oxo and d<sup>0</sup> Metal Nitrido Oxo Active Intermediates</b> <i>Professor Tai-Chu Lau, City University of Hong Kong</i>
10:25 – 10:55	Poster Session* & Coffee Break
10:55 – 11:55	<b>Towards Adaptive Chemistry – Constitutional Dynamics and Networks</b> <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