

**UGC Area of Excellence Scheme**

**Institute of Molecular Functional Materials**

**Research Symposium**

17-18 November 2014

**Plenary Speakers**

**Professor Takuzo Aida**  
*The University of Tokyo, Japan*

**Professor Jonas C. Peters**  
*California Institute of Technology, USA*

**Professor Malcolm H. Chisholm**  
*The Ohio State University, USA*

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

**Local Speakers**

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

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

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

**Dr. Xunjin Zhu**  
*Hong Kong Baptist University*

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

**Dr. Xiangguo Guan**  
*The University of Hong Kong*

**Professor Ben-Zhong Tang**  
*The Hong Kong University of Science & Technology*

**Dr. Wai-Han Lam**  
*The University of Hong Kong*

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

**Dr. Lei Ye**  
*The Chinese University of Hong Kong*

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

**Mr. Zhegang Song**  
*The Hong Kong University of Science & Technology*

**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 17, 2014 (Monday)

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09:10 – 09:15	Opening Remarks
09:15 – 10:15	<b>Recent Progress in Supramolecular Polymerization</b> <i>Prof. Takuzo Aida, The University of Tokyo, Japan</i>
10:15 – 10:40	<b>From Discrete Metal-Ligand Chromophores to Supramolecular Assembly, Nanostructures and Functional Materials</b> <i>Prof. Vivian Wing-Wah Yam, The University of Hong Kong</i>
10:40 – 11:00	Coffee Break
11:00 – 11:25	<b>Catalytic Water Oxidation by Metal Complexes</b> <i>Prof. Tai-Chu Lau, City University of Hong Kong</i>
11:25 – 12:25	<b>Organic Pressure Sensor Toward Artificial Intelligence and Health Care Applications</b> <i>Prof. Daoben Zhu, Chinese Academy of Sciences, P. R. China</i>
12:25 – 14:00	Lunch
14:00 – 14:25	<b>AIE-Based Biosensors</b> <i>Prof. Ben-Zhong Tang, The Hong Kong University of Science and Technology</i>
14:25 – 14:50	<b>Computational Studies on Platinum(II) Alkynyl Systems of Tridentate Pincer Ligands in Nonradiative Processes via the Metal-Centered Excited States</b> <i>Dr. Wai-Han Lam, The University of Hong Kong</i>
14:50 – 15:15	<b>Luminescent Rhenium(I) Diimine Complexes – Photocatalysis and Device Application</b> <i>Dr. Chi-Chiu Ko, City University of Hong Kong</i>
15:15 – 15:40	<b>A Ratiometric Fluorescent Probe Based on ESIPT and AIE Processes for Alkaline Phosphatase Activity Assay and Visualization in Living Cells</b> <i>Mr. Zhegang Song, The Hong Kong University of Science and Technology</i>
15:40 – 16:25	Poster Session* & Coffee Break
16:25 – 16:50	<b>Monomeric vs Oligomeric/Polymeric Functional Materials: Differences and Opportunities</b> <i>Prof. Hak-Fun Chow, The Chinese University of Hong Kong</i>
16:50 – 17:15	<b>Design on Strongly Phosphorescent Platinum(II) Complexes with Pincer-Type Ligands. Photophysics, Photochemistry and Applications</b> <i>Prof. Chi-Ming Che, The University of Hong Kong</i>
17:15 – 18:15	<b>Studies of Metal to Ligand Charge Transfer States Involving MM Quadruply Bonded Complexes</b> <i>Prof. Malcolm H. Chisholm, The Ohio State University, USA</i>

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

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## Research Symposium

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

November 18, 2014 (Tuesday)

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10:00 – 11:00	<b>Cross-Coupling Reactions with Copper and Light</b> <i>Prof. Jonas C. Peters, California Institute of Technology, USA</i>
11:00 – 11:25	<b>Improvement of Open-Circuit Voltage and Photovoltaic Properties of 2D-Conjugated Polymers by Alkylthio Substitution</b> <i>Prof. Wai-Yeung Wong, Hong Kong Baptist University</i>
11:25 – 11:45	Coffee Break
11:45 – 12:10	<b>Ternary Bulk Heterojunction Photovoltaic Cells Composed of Small Molecule Donor Additive as Cascade Material</b> <i>Dr. Lei Ye, The Chinese University of Hong Kong</i>
12:10 – 12:35	<b>Co-sensitization of Organic Dyes for Efficient Dye-Sensitized Solar Cells</b> <i>Dr. Xunjin Zhu, Hong Kong Baptist University</i>
12:35 – 13:00	<b>The Mechanism of Water Oxidation Catalyzed by Macrocyclic Iron Complex: A DFT Study</b> <i>Dr. Xiangguo Guan, The University of Hong Kong</i>
13:00 – 13:05	Closing Remarks

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