

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

## **Workshop on Molecular Functional Materials**

**27 November 2010**

**Department of Chemistry, The University of Hong Kong**

### **Invited Speakers:**

**Professor Hoi-Sing Kwok**

**(The Hong Kong University of Science and Technology)**

**Dr Chi-Fai Leung**

**(City University of Hong Kong)**

**Professor Qian Miao**

**(The Chinese University of Hong Kong)**

**Dr Yang Liu**

**(The Hong Kong University of Science and Technology)**

**Professor David Lee Phillips**

**(The University of Hong Kong)**

**Dr Wei Lu**

**(The University of Hong Kong)**

**Professor Man-Shing Wong**

**(Hong Kong Baptist University)**

**Dr Keith Man-Chung Wong**

**(The University of Hong Kong)**

**Dr Shi-Jie Xu**

**(The University of Hong Kong)**

**Dr Xunjin Zhu**

**(Hong Kong Baptist University)**



**Venue: Lecture Theatre T3  
Meng Wah Complex**

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

**Lecture Theatre T3, Meng Wah Complex,  
The University of Hong Kong, Hong Kong**

**November 27, 2010 (Saturday)**

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08:50 – 09:00	Opening remarks
09:00 – 09:20	<b>Small Molecule Semiconducting Photo-sensitizers for Organic Solar Cells</b> <i>Prof. Ricky Man-Shing Wong, Hong Kong Baptist University</i>
09:20 – 09:40	<b>Molecular Engineering and Interface Engineering of Organic Thin Film Transistors</b> <i>Prof. Qian Miao, The Chinese University of Hong Kong</i>
09:40 – 10:00	<b>Synthesis, Characterization and Photoluminescence of Lanthanide Porphyrinate Complexes</b> <i>Dr. Xunjin Zhu, Hong Kong Baptist University</i>
10:00 – 10:20	<b>Luminescent Platinum(II) and Gold(III) Complexes with Strong <math>\sigma</math>-Donor Ligand</b> <i>Dr. Keith Man-Chung Wong, The University of Hong Kong</i>
10:20 – 10:40	<b>Electro- and Photocatalytic Hydrogen Generation in Aqueous Solutions by A Cobalt Macrocyclic Schiff-base Complex</b> <i>Dr. Chi-Fai Leung, City University of Hong Kong</i>
10:40 – 11:00	<b>Coffee Break</b>
11:00 – 11:20	<b>White OLED with New Structures</b> <i>Prof. Hoi-Sing Kwok, The Hong Kong University of Science and Technology</i>
11:20 – 11:40	<b>Efficient Second Harmonic Generation in ZnO Tubes</b> <i>Dr. Shi-Jie Xu, The University of Hong Kong</i>
11:40 – 12:00	<b>Supramolecular Nanomaterials and Mesophases Self-Organized from Luminescent Platinum(II) and Rhodium(I) Complexes</b> <i>Dr. Wei Lu, The University of Hong Kong</i>
12:00 – 12:20	<b>Creation of Highly Efficient Solid Emitters and Tuning of Their Electronic Properties.</b> <i>Dr. Yang Liu, The Hong Kong University of Science and Technology</i>
12:20 – 12:40	<b>Time-Resolved Spectroscopy of Electronic Excited States and Reactive Intermediates</b> <i>Prof. David Lee Phillips, The University of Hong Kong</i>

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