



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

11 August 2012

Department of Chemistry, The Chinese University of Hong Kong

Invited Speakers:

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

Dr. Gang Cheng, The University of Hong Kong

Dr. Na Zhao, The Hong Kong University of Science & Technology

Mr. Gui Chen, City University of Hong Kong

Mr. Shuming Chen, The Hong Kong University of Science & Technology

Mr. Clive Yik-Sham Chung, The University of Hong Kong

Mr. Zikai He, The Chinese University of Hong Kong

Mr. Yong Hua, Hong Kong Baptist University

Mr. Zihai Ke, The Chinese University of Hong Kong

Miss Charlotte Po, The University of Hong Kong

Mr. Kevin Wai-Pong Tao, The University of Hong Kong

Mr. Bao Wang, Hong Kong Baptist University

**Venue: LT6, Cheng Yu Tung Building
The Chinese University of Hong Kong**

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LT6, Cheng Yu Tung Building,
The Chinese University of Hong Kong, Hong Kong

August 11, 2012 (Saturday)

09:00 – 09:10	Opening remarks
09:10 – 09:25	Supramolecular Chemistry of Oligotriazoles <i>Mr. Zhihai Ke, The Chinese University of Hong Kong</i>
09:25 – 09:40	Water Oxidation Catalyzed by Iron Salts <i>Mr. Gui Chen, City University of Hong Kong</i>
09:40 – 09:55	An Oxidatively Robust Palladium(II) Porphyrin Complex for Practical Light-Induced Oxidative C-H Bond Functionalization Reactions <i>Mr. Kevin Wai-Pong Tao, The University of Hong Kong</i>
09:55 – 10:10	Induced Self-Assembly and Förster Resonance Energy Transfer Studies of Alkynylplatinum(II) Terpyridine Complex Through Interaction With Water-Soluble Poly(phenylene ethynylene sulfonate) <i>Mr. Clive Yik-Sham Chung, The University of Hong Kong</i>
10:10 – 10:25	AIE-Active Hemicyanine Dye <i>Dr. Na Zhao, The Hong Kong University of Science and Technology</i>
10:25 – 10:40	Molecular Design of Organic Sensitizers for Highly Efficient Dye-Sensitized Solar Cells <i>Mr. Yong Hua, Hong Kong Baptist University</i>
10:40 – 11:00	Coffee Break
11:00 – 11:15	Synthesis, Photophysics and Photocatalytic Properties of Luminescent Rhenium(I) Diimine Complexes with Different Ancillary Ligand <i>Dr. Chi-Chiu Ko, City University of Hong Kong</i>
11:15 – 11:30	Supramolecular Self-Assembly of Amphiphilic Anionic Platinum(II) Complexes: A Correlation Between Spectroscopic and Morphological Properties <i>Miss Charlotte Po, The University of Hong Kong</i>
11:30 – 11:45	Thermal-Annealing-Free Inverted Solar Cells and the Application of Pt(II) Complexes on Light-Emitting Devices <i>Dr. Gang Cheng, The University of Hong Kong</i>
11:45 – 12:00	Heteropentacenes with Novel Patterns of Nitrogen: Reactivity, H-Bonding and Semiconductor Properties <i>Mr. Zikai He, The Chinese University of Hong Kong</i>
12:00 – 12:15	TPE-Based Nanostructures as Scattering Media for Extracting Substrate Waveguide Light from Organic Light-Emitting Diodes <i>Mr. Shuming Chen, The Hong Kong University of Science and Technology</i>
12:15 – 12:30	Naphthodithiophene-Based Copolymers for Bulk Heterojunction Solar Cells <i>Mr. Bao Wang, Hong Kong Baptist University</i>