



UGC AoE on Institute of Molecular Functional Materials Workshop

20 July 2013

Department of Chemistry, The Chinese University of Hong Kong

Invited Speakers:

Dr. Vonika Ka-Man Au, The University of Hong Kong

Dr Gui Chen, City University of Hong Kong

Dr. Xiangguo Guan, The University of Hong Kong

Dr. Guodong Liang, The Hong Kong University of Science and Technology

Dr. Xunjin Zhu, Hong Kong Baptist University

Ms. Lingjing Chen, City University of Hong Kong

Mr. Pui-Keong Chow, The University of Hong Kong

Mr. Chaohua Cui, Hong Kong Baptist University

Mr. Kin-Cheung Lo, The University of Hong Kong

Mr. Chi-Hin Wong, Hong Kong Baptist University

Mr. Sui-Lung Yim, The Chinese University of Hong Kong

Mr. Engui Zhao, The Hong Kong University of Science and Technology

**Venue: LT3, UG/F, Chen Kou Bun Building
The Chinese University of Hong Kong**

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

**LT3, UG/F, Chen Kou Bun Building
The Chinese University of Hong Kong, Hong Kong**

July 20, 2013 (Saturday)

09:00 – 09:10	Opening remarks
09:10 – 09:25	A New Two-Dimensional Oligothiophene End-Capped with Alkyl Cyanoacetate Groups for Highly Efficient Solution-Processed Organic Solar Cells <i>Mr. Chaohua Cui, Hong Kong Baptist University</i>
09:25 – 09:40	Hydrogen Bond Mediated Click Oligomers and Polymers: Synthesis and Self Assembling Properties <i>Mr. Sui-Lung Yim, The Chinese University of Hong Kong</i>
09:40 – 09:55	Cyclometallated Platinum(II) Complexes with Extended π-Conjugated C^NN Ligands and Different Ancillaries: Structures, Isomers, Photo- and Electro-Luminescence <i>Mr. Pui-Keong Chow, The University of Hong Kong</i>
09:55 – 10:10	Aggregation-Induced Emission Luminogens for Biological Imaging <i>Mr. Engui Zhao, The Hong Kong University of Science and Technology</i>
10:10 – 10:25	H₂ Generation Catalyzed by Nickel Macrocyclic Complexes <i>Ms. Lingjing Chen, City University of Hong Kong</i>
10:25 – 10:40	Luminescent Gold(III) Complexes for Organic Light-Emitting Devices and Metallogels <i>Dr. Vonika Ka-Man Au, The University of Hong Kong</i>
10:40 – 11:00	Coffee Break
11:00 – 11:15	New Organic Dyes Used for Efficient Dye-Sensitized Solar Cells <i>Dr. Xunjin Zhu, Hong Kong Baptist University</i>
11:15 – 11:30	Molecular Luminogens Based on Restriction of Intramolecular Motions through Host-Guest Inclusion for Cell Imaging <i>Dr. Guodong Liang, The Hong Kong University of Science and Technology</i>
11:30 – 11:45	Effects of Light Illumination on the Charge Transport Properties of a Conjugated Polyelectrolyte/Multi-walled Carbon Nanotube Hybrid <i>Mr. Kin-Cheung Lo, The University of Hong Kong</i>
11:45 – 12:00	Nickel Catalyzed Chemical and Visible-Light Induced Water Oxidation <i>Dr Gui Chen, City University of Hong Kong</i>
12:00 – 12:15	A Highly Oxidizing and Isolable Oxoruthenium(V) Complex [Ru^V(N₄O)(O)]²⁺. Electronic Structure, Redox Properties, and Oxidation Reactions by Density Functional Theory Calculations <i>Dr. Xiangguo Guan, The University of Hong Kong</i>
12:15 – 12:30	A Facile Synthesis of Hierarchical Core/Shell Nanoartwork - Nanoflower <i>Mr. Chi-Hin Wong, Hong Kong Baptist University</i>