

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

**28 - 29 November 2011**

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

## **Plenary Speakers:**

Professor Takuzo Aida  
(The University of Tokyo, Japan)

Professor Daoben Zhu  
(Chinese Academy of Sciences, China)

Professor Malcolm L. H. Green  
(University of Oxford, UK)

## **Local Speakers:**

Professor Wai-Kin Chan  
(The University of Hong Kong)

Dr. Huimin Su  
(The Hong Kong University of Science & Technology)

Professor Ken Cham-Fai Leung  
(The Chinese University of Hong Kong)

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

Professor Man-Shing Wong  
(Hong Kong Baptist University)

Dr. Xunjin Zhu  
(Hong Kong Baptist University)

Dr. Chi-Chiu Ko  
(City University of Hong Kong)

Mr. Chao Cheng  
(The Chinese University of Hong Kong)

Dr. Kai-Chung Lau  
(City University of Hong Kong)

Miss Rongrong Hu  
(The Hong Kong University of Science & Technology)

Dr. Chensheng Ma  
(The University of Hong Kong)

Mr. Sammual Yu-Lut Leung  
(The University of Hong Kong)



**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 28, 2011 (Monday)**

08:50 – 09:00	Opening Remarks
09:00 – 10:00	<b>Functional Materials via Controlled Molecular Assembly</b> <i>Professor Takuzo Aida</i> <i>The University of Tokyo, Japan</i>
10:00 – 10:25	<b>Novel Fused Aromatic-Based Functional Molecular Materials for Solar Cell Applications</b> <i>Professor Man-Shing Wong, Hong Kong Baptist University</i>
10:25 – 10:45	Coffee Break
10:45 – 11:10	<b>Fluorescence or Phosphorescence? Role of the Central Bridging Ligand in Tetragold(I) Ethynyl Complexes</b> <i>Dr. Glenna So-Ming Tong, The University of Hong Kong</i>
11:10 – 11:35	<b>Single-Turn Helix-Coil Strands Stabilized by Metal···Metal and <math>\pi</math>-<math>\pi</math> Interactions of the Platinum(II) Terpyridyl Moieties in <i>meta</i>-Phenylene Ethynylene Foldamers</b> <i>Mr. Sammual Yu-Lut Leung, The University of Hong Kong</i>
11:35 – 12:00	<b>A Conjunction of Time-Resolved and Steady-State Spectroscopic Studies on Emission Pathways of Oligo(<i>o</i>- or <i>m</i>-phenyleneethynylene) Gold(I) Complexes</b> <i>Dr. Chensheng Ma, The University of Hong Kong</i>
12:00 – 13:30	Lunch
13:30 – 13:55	<b>Interfacial Self-Assembly of Organic-Inorganic Hybrid Nanomaterials</b> <i>Professor Ken Cham-Fai Leung, The Chinese University of Hong Kong</i>
13:55 – 14:55	<b>Thermoelectric Materials Based on Poly(metal 1,1,2,2-ethenetetrathiolate)s and a Device Demonstration</b> <i>Professor Daoben Zhu</i> <i>Chinese Academy of Sciences, China</i>
14:55 – 16:00	Poster Session*
18:00	Dinner (By Invitation)

\* Venue for Poster Session: Chemistry Department Lobby, G/F, Chong Yuet Ming Chemistry Building, The University of Hong Kong.

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**November 29, 2011 (Tuesday)**

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10:00 – 10:25	<b>Theoretical Studies of Lewis-acid Activated Oxidation of Alcohols and Alkenes by Manganese Complexes</b> <i>Dr. Kai-Chung Lau, City University of Hong Kong</i>
10:25 – 10:50	<b>New Organic/Inorganic Materials Applied in Dye Sensitized Solar Cells or Organic Light-Emitting Devices</b> <i>Dr. Xunjin Zhu, Hong Kong Baptist University</i>
10:50 – 11:10	Coffee Break
11:10 – 11:35	<b>Design of Low Bandgap Metal Containing Polymers For Photovoltaic Applications</b> <i>Professor Wai-Kin Chan, The University of Hong Kong</i>
11:35 – 12:00	<b>Tetraphenylethene-Containing Luminescent Materials: Synthesis, Aggregation-Induced Emission, and Applications</b> <i>Ms. Rongrong Hu, The Hong Kong University of Science &amp; Technology</i>
12:00 – 12:25	<b>Design, Synthesis and Photophysical Study of New Classes of Tunable Photosensitizers</b> <i>Dr. Chi-Chiu Ko, City University of Hong Kong</i>
12:25 – 14:00	Lunch
14:00 – 14:25	<b>Aggregation-Induced Circularly Polarized Luminescence from Organic <math>\pi</math>-Conjugated Molecules in Helical Assemblies</b> <i>Dr. Huimin Su, The Hong Kong University of Science &amp; Technology</i>
14:25 – 14:50	<b>Synthesis and Application of Chiral Tetraphenylenes</b> <i>Mr. Chao Cheng, The Chinese University of Hong Kong</i>
14:50 – 15:50	<b>The Development of a Heterogeneous Catalyst for Gas-to-Liquid Technology and Application in Micro-Bore Reactor Technology</b> <i>Professor Malcolm L. H. Green University of Oxford, UK</i>
15:50 – 16:00	Closing Remarks
16:00 – 16:30	Poster Session*

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