

International Workshop on Molecular Catalysis and Fine Chemicals 2015

Date: January 29, 2015

Place: International Center, Tokyo Metropolitan University, Japan

<http://www.ic.tmu.ac.jp/english/siteinfo/access.html>

Program

9:55 Introductory: Kotohiro Nomura

10:00-10:25 Prof. Bohari M. Yamin (Universiti Kebangsaan Malaysia, Malaysia)

10:25-10:50 Prof. Zeena S. Pillai (Amrita University, Kerala, India)

10:50-11:15 Prof. Hathaikarn Manuspiya (Chulalongkorn University, Thailand)

11:15-11:40 Prof. P. Venuvanalingam (Bharathidasan University, India)

11:40-12:05 Prof. Vu Dinh Hoang (Hanoi University of Science and Technology, Vietnam)

Lunch

13:30-13:55 Prof. Kotohiro Nomura (TMU, Japan)

13:55-14:20 Dr. Preeyanuch Sangtrirutnugul (Mahidol University, Thailand)

14:20-14:45 Prof. Ekasith Somsook (Mahidol University, Thailand)

14:55-15:20 Prof. Sanshiro Komiya (TMU, Japan)

15:20-15:45 Prof. Khamphree Phomphrai (Mahidol University, Thailand)

15:45-16:10 Dr. Wenhong Yang (Institute of Chemistry, Chinese Academy of Sciences, China)

16:10-16:35 Prof. Boonyarach Kitiyanan (Chulalongkorn University, Thailand)

16:40-17:20 Special Lecture: Prof. Kotaro Osakada (Tokyo Institute of Technology, Japan)

17:30- Group Discussion



Sponsored by

1) “Molecular Catalysis as basis in Green Sustainable Chemistry for Environmentally Benign Urban Life,” Tokyo Metropolitan Government
“Asian Human Resources Fund” (Priority Research Program, International Student Special Selection at Tokyo Metropolitan University)

<http://www.comp.tmu.ac.jp/tmuorg/MolecularCatalysis.html>

2) International collaboration research program, TMU

Coordinator: Prof. Kotohiro Nomura, Department of Chemistry, Tokyo Metropolitan University, Japan

List of Speakers

Special Lecture

Prof. Kotaro Osakada

Chemical Resources Laboratory, Tokyo Institute of Technology, Japan

“Organotransition metal complexes with new structures and chemical properties”

Invited Speakers

Prof. Dr. Vu Dinh Hoang

Department of Pharmaceutical Chemistry and Pesticide Technology, Hanoi University of Science and Technology, Hanoi, Vietnam

“Phytochemical study of some Vietnamese plants”

Prof. Boonyarach Kitiyanan

The Petroleum and Petrochemical College, Chulalongkorn University, Bangkok, Thailand

“Methylation of benzene by methyl bromide using H-ZSM5 catalyst”

Prof. Hathaikarn Manuspiya

The Petroleum and Petrochemical College, Chulalongkorn University, Bangkok, Thailand

“Innovation of smart packagings derived from mesoporous materials and smart nanocomposite for OLED fabrication”

Prof. Khamphree Phomphrai

Department of Chemistry, Mahidol University, Bangkok, Thailand

“Transesterification of cyclic esters using simple metal amides: new route to double-capped oligomers”

Prof. Zeena S. Pillai

Department of Chemistry, Amrita University, Kerala, India

“Dendrimers - Ligands for sensitized lanthanide emission”

Dr. Preeyanuch Sangtrirutnugul

Department of Chemistry, Mahidol University, Bangkok, Thailand

“Triazole-based ligands in Cu-catalyzed aerobic alcohol oxidation”

Prof. Ekasith Somsook

Department of Chemistry, Mahidol University, Bangkok, Thailand

“Iron oxide/cassava starch-supported Ziegler-Natta Catalysts for in situ ethylene polymerization”

Prof. P. Venuvanalingam

School of Chemistry, Bharathidasan University, Tamil Nadu, India

“Enzyme and Organometallic Catalysis of Cleavage of Epoxides”

Prof. Dr. Bohari M. Yamin

School of Chemical Sciences and Food Technology, Universiti Kebangsaan Malaysia (UKM), Bangi, Malaysia

“Calix[4] resorcinarene derivatives. Synthesis, structure and applications”

Dr. Wenhong Yang

Laboratory of Engineering Plastics, Institute of Chemistry, Chinese Academy of Sciences, Beijing, China

“Catalytic activity and reaction mechanism of iron complex precatalyst in ethylene polymerization”

Host Speakers

Prof. Sanshiro Komiya

Department of Chemistry, Tokyo Metropolitan University, Japan; Tokyo University of Agriculture and Technology (Emeritus)

“Bridged and non-bridged heterodinuclear Pt-Mn complexes control stereochemistry of C-S bond cleavage of thiirane and thietane”

Prof. Kotohiro Nomura

Department of Chemistry, Tokyo Metropolitan University, Japan

“Design and synthesis of (imido)vanadium complex catalysts for olefin polymerization/oligomerization”