

CU-TMU Joint Symposium for Materials Science and Catalysis 2016

Date: January 28, 2015, 13:00-

Place: Tokyo Metropolitan University (Building 12, RM 101)

Sponsored by

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

Program

13:00-13:15

Prof. Kotohiro Nomura (Coordinator, Department of Chemistry, Tokyo Metropolitan University)

“Introductory of ongoing projects in the laboratory and recent updates in chemistry”

13:15-13:40

Prof. Sirithan Jiemsirilers (Department of Materials Science, Chulalongkorn University)

“Photocatalytic degradation of phenolic compounds in waste water”

13:40-14:05

Prof. Boonyarach Kitiyanan (The Petroleum and Petrochemical College, Chulalongkorn University)

“Selective hydrogenation of mixed C₄ containing high vinyl acetylene by Mn-Pd, Ni-Pd and Ag-Pd on Al₂O₃ catalysts”

14:15-14:40

Prof. Manit Nithitanakul (The Petroleum and Petrochemical College, Chulalongkorn University)

“Poly(S/DVB) high internal phase emulsion for CO₂ adsorption”

14:40-15:05

Dr. Shunsuke Sueki (Department of Chemistry, Tokyo Metropolitan University)

“Development of rhenium- and manganese-catalyzed carbon-carbon bond formation reactions via C-H bond activation”

15:05-15:30

Dr. Hiroki Miura (Division of Applied Chemistry, Tokyo Metropolitan University)

“Development of supported ruthenium catalysts for greener organic transformation”

15:45-

Oral presentation from graduate students, TMU

17:30-

Group Discussion (Initiative Space, Building 11)

List of Student Presentations (Tentative)

Mr. Kritdikul Wised

Synthesis of new organo-niobium complexes and their reaction chemistry

Mr. Balazs Kobzi

Preparation and structural analysis of $\text{SnO}_x \cdot \text{SiO}_2$ visible light activated photocatalytic glasses synthesized by sol-gel method

Ms. Sarntamon Pengoubol

Synthesis of ultrahigh molecular weight polymers by homopolymerization of higher α -olefins catalysed by aryloxo-modified half-titanocenes

Mr. Yusuke Iida

The relationship between structural and visible light activated photocatalytic ability of iron containing alumino-silicate glass

Ms. Yuka Watanabe

The appropriate ratio of metallic iron and maghemite nanoparticles for environmental purification

Mr. Tomohiro Miwata

Precise synthesis of star-shape polymers containing oligo(thiophene)s end groups by olefin metathesis