

# TMU and PetroMat Joint Mini Symposium on Catalysis and Advanced Materials 2018

January 31, 2018 13:00-  
International Center, Tokyo Metropolitan University  
1-1 Minami Osawa, Hachioji, Tokyo 192-0397, Japan

## Program

13:00-13:05 Introductory Kotohiro Nomura

13:05-13:45 Plenary Talk: Prof. Pramoch Rangsunvigit

(Director, PETROMAT; The Petroleum and Petrochemical College, Chulalongkorn University, Thailand)  
“Natural Gas Storage via Hydrate Formation”

13:50-14:15

Prof. Seiji Yamazoe (Department of Chemistry, Tokyo Metropolitan University)  
Atomically Precise Synthesis and Catalysis of Metal Clusters

14:15-14:40

Prof. Boonyarach Kitiyanan (The Petroleum and Petrochemical College, Chulalongkorn University)  
“Catalysts Screening for Oxidative Dehydrogenation of Ethane to Ethylene”

15:00-15:25

Prof. Masafumi Hirano (Tokyo University of Agriculture and Technology)  
"Recent Development on Ru(0)-Catalyzed Direct Synthesis of Conjugated Polyene Molecules"

15:25-15:50

Prof. Wenhong Yang (Institute of Chemistry, Chinese Academy of Sciences)  
“Catalytic Performance of Late Transition Metal Complex Precatalysts by Molecular Modeling”

16:00-16:25

Dr. Ayako Taketoshi (Division of Applied Chemistry, Tokyo Metropolitan University)  
"Oxidative esterification of octanal catalyzed by gold nanoparticles in batch and continuous flow reactors"

16:25-16:50

Ms. Hitomi Hayashibara (Department of Chemistry, Tokyo Metropolitan University)  
“Heterogenized Olefin Metathesis Vanadium Complex Catalyst: Synthesis, Characterization and Catalyst Performance”

17:10- Mixer and Discussion (Initiative Space, Building 8)

Organized by Follow up program, Advanced Research Project, Molecular Catalysis as basis in Green Sustainable Chemistry for Environmentally Benign Urban Life