

108th MSL Lecture

Date: September 30th (Mon) 13:00-17:25, 2019

- Venue: Meeting room 1 at 2nd floor, Suzukake-hall, Tokyo Institute of Technology (<https://www.titech.ac.jp/english/maps/suzukakedai/>)
- Organizer: Laboratory for Materials and Structures, Institute of Innovative Research, Tokyo Institute of Technology

- 13:00-13:05 Opening remark**
- 13:05-13:55 Plenary Lecture 1 (Prof. Yu-Chuan Lin, National Cheng Kung University)**
“Bifunctional catalysis in aldolization of ethanol and in selective hydrogenation of biomass derivatives”
- 13:55-14:45 Plenary Lecture 2 (Prof. Kiyotaka Nakajima, Hokkaido University)**
“A new strategy for chemocatalytic production of biomass-derived carboxylates and diols”
- 14:45-15:05 Invited Talk 1 (Dr. Yusuke Kita, Tokyo Institute of Technology)**
“Reductive amination of biomass-derived carbonyl compounds over supported ruthenium catalyst”
- 15:05-15:25 Break**
- 15:25-16:15 Plenary Lecture 3 (Prof. Yu-Wen Chen, National Central University)**
“Au/CuO_x-TiO₂ catalysts for partial oxidation of methane and preferential oxidation of CO in hydrogen stream”
- 16:15-16:35 Invited Talk 2 (Dr. Li Jiang, Tokyo Institute of Technology)**
“Ruthenium incorporated intermetallic electride catalyst for ammonia synthesis”
- 16:35-16:55 Invited Talk 3 (Dr. Takeshi Matsumoto, Tokyo Institute of Technology)**
“Photochemical conversion of C1-species with non-precious metal complexes”
- 16:55-17:10 Student Talk 1 (Ms. Eri Hayashi, Tokyo Institute of Technology)**
“Effect of MnO₂ crystal structure on aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid”
- 17:10-17:25 Student Talk 2 (Ms. Ria Ayu Pramudita, Tokyo Institute of Technology)**
“Development of heterogeneous formate catalyst for reductive transformation of CO₂ with silane”
- 17:25- Closing remark**
- 18:00- Banquet (Umenohana at Aobadai station)**