International Symposium on Gold Chemistry 2018

Organizer: Research Center for Gold Chemistry, Tokyo Metropolitan University

Date : 30-31, October, 2018

Place : International Center, Tokyo Metropolitan University
(1-1 Minami-Osawa, Hachioji, Tokyo, Japan 192-0397)
＜Access＞12 min. walk from Minami-Osawa station (Keio line)

Fee : Free

Banquet: 5000 yen, contact to us until 23th,Oct.

Application and Contact

Project Prof. Toru MURAYAMA
Research Center for Gold Chemistry,
Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University
Frontier bldg. 1-1 Minami-Osawa, Hachioji, Tokyo 192-0397, Japan
E-mail: murayama@tmu.ac.jp

Program

30th, October

30th October (Tue.)

13:30－13:40 Opening remarks, Introduction of Research Center for Gold Chemistry

13:40－14:10 Jiahui Huang,
Gold Catalyst Research Center, Dalian Institute of Chemical Physics (DICP), Chinese Academy of Science (China)
'Low-temperature CO oxidation over gold catalysts: Au size effect and reaction mechanism'

14:10－14:40 Grazia Malta,
Cardiff Catalysis Institute, Cardiff University (UK)
'Gold catalyst for VCM production via acetylene hydrochlorination:

Identification of the active site'

14:40－14:55 Mingyue Lin,
Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan)
'Selective Catalytic Oxidation of Low Concentration NH_3 by Nanoparticulate Gold'

14:55－15:10 Nao Niimi,
NBC Meshtec Inc., (Japan)
'Gold Catalysts supported on ceramic honeycombs for air purification'

15:10－15:25 break

15:25－15:55 Junhu Wang,
Dalian National Laboratory for Clean Energy (DNL) & Mössbauer Effect Data Center (MEDC), Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (China)
'Strong metal-support interactions in gold catalysts'

15:55－16:10 Yusuke Inomata,
Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan)
'Nanoparticulate gold catalysts deposited on polyoxometalate'

16:10－16:25 Zhu Qianqian,
Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan)
'CO oxidation by Ceramics supported gold nanoparticulate catalyst'

16:25－16:40 break

16:40－17:10 Caixia Qi,
Shandong Applied Research Center for Gold Nanotechnology, Yantai University (China)
'Propylene epoxidation with H_2 and O_2 over Au supported on ZrO_2 with different crystal phase'

17:10－17:40 Richard J. Lewis,
Cardiff Catalysis Institute, Cardiff University (UK)
'The direct synthesis of H_2O_2 using TS-1 supported catalysts'

18:00－ Dinner

31st October (Wed.)

9:00－ 9:30 Naoki Mimura,
National Institute of Advanced Industrial Science and Technology (AIST), Japan
'Liquid-phase flow oxidation of glycerol into carboxylic acids as functional molecules using molecular oxygen as an oxidant'

9:30－9:45 Ayako Taketoshi,
Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan)
'Oxidative Esterification of Aliphatic Aldehydes or Alcohols with Ethanol Catalyzed by Gold Nanoparticles'

9:45－10:00	Chihiro Mochizuki, Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan) 'Catalytic oxidation of furfural by nanoparticulate gold catalysts'
10:00－10:15	Jun-ichi Nishigaki, Research Center for Gold Chemistry, Tokyo Metropolitan University (Japan) 'Regeneration of Active Coenzymes by Gold Cluster Catalysts ~Redox Reaction between NADH and NAD^+~'
10:15－10:30	break
10:30－11:00	Sophie Lanone, Institut national de la santé et de la recherche médicale (INSERM), Paris East Creteil University (France) 'Health effects of nanoparticles - where are we now?'
11:00－11:30	Jorge Boczkowski, Institut national de la sante et de la recherche medicale (INSERM), Paris East Creteil University (France) 'Biological and medical effects of gold nanoparticles'
11:30－12:00	Guoping Chen, Research Center of Functional Materials, National Institute for Materials Science (NIMS) (Japan) 'Preparation of Gold Nanoparticles with Tunable Size and Morphology for Biomedical Applications'
12:10	Closing remarks

The latest version is available on the website.
Website: http://www.haruta-masatake.ues.tmu.ac.jp/en/index.html