

The 1st International Conference on MEXT Project of Integrated Research on Chemical Synthesis

“Advanced Chemical Methodology for Creating Materials”

Program

January 24

12 : 00-13 : 00 Registration

13 : 00-13 : 10 Opening Address Kazuyuki TATSUMI
Welcoming Address Atsushi FUKUOKA

Chair : Kazuyuki TATSUMI

13 : 10-14 : 00 Kenneth D. KARLIN (Plenary)
Ira Remsen Chair in Chemistry Johns Hopkins University, Chemistry Department
“Copper-Dioxygen & Cupric-Hydroperoxo Complex Formation, Properties and
Reactivity”

Chair : Kazunari YOSHIKAWA

14 : 00-14 : 40 Masahiro YAMASHITA
Graduate School of Science, Tohoku University
“Spintronics Based on Single-Molecule Quantum Magnets”

14 : 40-15 : 20 Yuichi SHIMAKAWA
Institute for Chemical Research, Kyoto University
“New Functional Transition-Metal Oxides”

15 : 20-15 : 40 Break

Chair : Bunsho OHTANI

15 : 40-16 : 20 Wonyong CHOI
Pohang University of Science and Technology
“Hybridization of TiO₂ with Organic and Inorganic Materials for Higher photocatalytic
Activities”

16 : 20-17 : 00 Kimihisa YAMAMOTO
Chemical Resources Laboratory, Tokyo Institute of Technology
“Metallodendrimers for Advanced Hybrid Nano-Materials”

17 : 00-17 : 40 Tatsuya TSUKUDA
Catalysis Research Center, Hokkaido University
“Size-Specific Oxidation Catalysis of Gold Clusters”

17 : 40-20 : 30 Poster Session + Mixer

January 25

Chair : Tamotsu TAKAHASHI

9 : 00-9 : 40 Andy HOR
Department of Chemistry, National University of Singapore
“From Curious Structures to New Chemistry”

9 : 40-10 : 20 Kenichiro ITAMI
Graduate School of Science, Nagoya University
“Challenges in Arene-Assembling Chemistry”

10 : 20-10 : 40 Break

Chair : Fumiyuki OZAWA

10 : 40-11 : 20 Yi-Chou TSAI
Department of Chemistry, National Tsing Hua University
“Univalent Transition Metal β -Diketiminates : Synthesis and Reactivity”

11 : 20-12 : 00 Zhaomin HOU
RIKEN Advanced Science Institute
“Novel Polymerization Catalysts and Hydride Clusters from Lanthanide Dialkyls”

12 : 00-13 : 30 Lunch and quick laboratory tour in CRC

Chair : Atsushi Fukuoka

13 : 30-14 : 10 Marc KOPER
Leiden Institute of Chemistry, Leiden University, The Netherlands
“Electrocatalysis at gold”

14 : 10-14 : 50 Yoshinori NARUTA
Institute for Material Chemistry and Engineering & International Institute for Carbon Neutral Energy Research, Kyushu University
“Development of Water-Oxidation Molecular Catalysts toward Artificial Photosynthesis”

14 : 50-15 : 00 Closing Remark Wataru UEDA