

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



Advanced Chemical Methodology
for Creating Materials

2010-2016 MEXT Project

2011.1.24 MON-25 TUE
13:00- -15:00

Catalysis Research Center, Hokkaido UNIV.
(North 21, West 10, Kita-ku, Sapporo 001-0021, Japan)

Free

Kenichiro ITAMI

Graduate School of Science,
Nagoya University



Challenges in Arene-Assembling
Chemistry

Wonyong CHOI

Pohang University of Science
and Technology



Hybridization of TiO₂ with Organic and Inorganic
Materials for Higher photocatalytic Activities

Kenneth D. KARLIN(Plenary)

Ira Remsen Chair in Chemistry Johns
Hopkins University, Chemistry Department



Copper-Dioxygen & Cupric-Hydroperoxo
Complex Formation, Properties and Reactivity

Masahiro YAMASHITA

Graduate School of Science,
Tohoku University



Spintronics Based on
Single-Molecule Quantum Magnets

Kimihisa YAMAMOTO

Chemical Resources Laboratory,
Tokyo Institute of Technology



Metallo-dendrimers for Advanced
Hybrid Nano-Materials

Tatsuya TSUKUDA

Catalysis Research Center,
Hokkaido University



Size-Specific Oxidation Catalysis
of Gold Clusters

Yi-Chou TSAI

Department of Chemistry,
National Tsing Hua University



Univalent Transition Metal β -Diketiminates:
Synthesis and Reactivity

Yuichi SHIMAKAWA

Institute for Chemical Research,
Kyoto University



New Functional Transition-Metal
Oxides

Andy HOR

Department of Chemistry,
National University of Singapore



From Curious Structures
to New Chemistry

Zhaomin HOU

RIKEN Advanced
Science Institute



Novel Polymerization Catalysts and
Hydride Clusters from Lanthanide Dialkyls

Marc KOPER

Leiden Institute of Chemistry,
Leiden University



Electrocatalysis at gold

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



Organized by CRC, Hokkaido Univ. under Mext Project
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