

**Program for
2nd International Symposium on Chemical Energy Conversion Processes
(ISCECP-2)**

Session A (in Fukuoka)

-May 22 (Sunday)

18:00- Reception at Fukuoka

-May 23 (Monday)

At the I2CNER building of Ito Campus, Kyushu University

9:30-9:40

Opening Remark from Prof. Petros Sofronis (Director of I2CNER)

9:40-10:00

Kosei Yamauchi, Dept. Chem., Kyushu University

"Molecular Systems Driving Hydrogen Evolution from Water with Low Overpotential"

10:00-10:40

Julio Lloret Fillol, Institute of Chemical Research of Catalonia (ICIQ)

"Water Oxidation Catalysts Based on Aminopyridine Ligands"

10:40-11:20

Masayuki Yagi, Dept. Mat. Sci. and Tech., Niigata University

"Synthetic Models of Photosynthetic Oxygen Evolving Center based on Metal Complexes and Nanoparticles"

11:20-12:00

KO Chi Chiu Vincent, Dept. Biol. and Chem., City University of Hong Kong

"Design of Luminescent Transition Metal Complexes and their Applications as Photosensitizers, Photocatalysts and Luminescent Materials"

12:00-14:30

Lunch break and Lab tour

14:30-14:50

Hiroki Oshio, Dept. Chem., University of Tsukuba

"Photo-Induced State Conversion in Metal Complexes"

14:50-15:30

Shintaro Ida, Dept. Appl. Chem., Kyushu University

"Photocatalytic Water Splitting using Inorganic Nanosheets Prepared by Exfoliation of Layered Compounds"

15:30-16:10

Ken Sakai, Dept. Chem., Kyushu University

"Hybrid Molecular Catalysts towards Solar Water Splitting Reactions"

16:10-16:40

Coffee break

16:40-17:00

Aleksandar Staykov, I2CNER, Kyushu University

"Oxygen Activation and Dissociation on Transition Metal-Free Perovskite Surfaces. Insights on the Surface Reactivity of SrTiO₃ and LaNiO₄"

17:00-17:40

Alceo Macchioni, Dept. Chem., University of Perugia

"Searching for Truly Mononuclear Iridium Water Oxidation Catalysts"

17:40-18:00

Miho Yamauchi, I2CNER, Kyushu University

"Power Storage in an Alcohol via the Electrochemical Reaction of a Carboxylic Acid and Water"

19:00

Banquet

-May 24 (Tuesday)

At the I2CNER building of Ito Campus, Kyushu University

10:00-10:40

Ken Onda, Dept. Chem. and Mat. Soc., Tokyo Institute of Technology

"Time-Resolved Vibrational Studies on Metal Complexes used in Solar Energy Conversion"

10:40-11:20

Oliver Wenger, Dept. Chem., University of Basel

"Photoinduced Charge Accumulation in Molecular Systems"

11:20-12:00

Shigeyuki Masaoka, Institute for Molecular Science

"A Pentanuclear Iron Catalyst Designed for Water Oxidation"

Session B (in Saga)

-May 25 (Wednesday)

9:30-10:10

Ryu Abe, Dept. Energy and Hydrocarbon Chem., Kyoto University

"Visible Light Responsive Semiconductor Photocatalysts for Solar Hydrogen Production"

10:10-10:30

Arnau Call, Institute of Chemical Research of Catalonia (ICIQ)

"Cobalt Complexes Mediating Photo- and Electro-Reduction Reactions"

10:30-10:50

Motonori Watanabe, I2CNER, Kyushu University

"Organic Dye Sensitized Visible Light Driven Photocatalytic Hydrogen Production from Water"

10:50-11:00

Coffee break

11:00-11:20

Yuta Tsubonouchi, Dept. Chem., Kyushu University

"Light-driven Water Oxidation Catalyzed by an Oxo-bridged Triruthenium Complex"

11:20-11:40

Yuki Honda, I2CNER, Kyushu University

"Photocatalytic Hydrogen Production Using the Combination of Inorganic Semiconductor and Whole-Cell Biocatalyst of Recombinant Escherichia Coli"

11:40-12:00

Takashi Nakazono, Dept. Chem., Kyushu University

"Photochemical and Electrochemical Water Oxidation Catalyzed by Cobalt Porphyrins"