

<< Oral Program >>

	No.	Name	Affiliation	Title
May 10th				
12:00-14:30		Registration		
14:25-14:30		Openig, Prof. Okamoto and Prof. Woo		
14:30-16:10	5 Orals (20min/talk includingQ&A)	YO-1 Haznan Abimanyu YO-2 Kenichi Sawamura YO-3 Chang-Soo Woo YO-4 K. Ikeue YO-5 Kwang-Eun Jeong	KIST Waseda University Seoul National University Kumamoto University KAIST	Kinetic Studies on Transesterification of Ethylene Carbonate with Methanol to Produce Dimethyl Carbonate in the Presence of K/MgO Heterogeneous Catalysts High Temperature Separation of Water/Methanol/Hydrogen Mixtures through a ZSM-5 Membrane Highly Dispersed H₂PW₁₂O₄₀ Supported on SBA-15 Mesoporous Silica for Catalytic Dehydration of Acetic Acid Synthesis, Electronic Structure and Photocatalytic Properties of Lanthanoid Oxysulfide Synthesis of Macrostructured MCM-41 and Application to Lean NO_x SCR
16:10-16:30		Coffee break		
16:30-18:10	5 Orals (20min/talk includingQ&A)	YO-6 Mizuki Tada YO-7 Gi Bo Han YO-8 Tomohisa Miyazawa YO-9 Heon Do Jeong YO-10 Changho Jungand	The University of Tokyo Yeungnam University University of Tsukuba Seoul National University Tohoku University	Self Chirality Creation and Catalytic Performance on Surfaces: Chiral Self-Dimerized V-dimer Catalysts on SiO₂ for Highly Enantioselective Oxidative Coupling of 2-Naphthol A Study on Reaction Characteristics of the SO₂ Reduction using Coal Gas over SnO₂-ZrO₂ Catalyst Catalyst Developments for Partial Oxidation of Tar Derived from Biomass Hydrogen Production for Fuel Cell by Steam Reforming of Methanol in a Micro-Reactor Coated with Cu/ZnO/ZrO₂/Al₂O₃-Based Catalyst Support Effect on Automotive Precious Metal Catalysts: An Accelerated Quantum Chemical Molecular Dynamics and Density Functional Theory Study
18:10-19:40		Poster Session (YP)		
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May 11th				
8:30-9:00		Registration		
9:00-9:20		Opening, Prof. Iwasawa and Prof. Woo		
9:20-10:10	Plenary Lecture	PL-1 Yasuhiro Iwasawa	The University of Tokyo	Structural Design and Reaction Selectivity Control on Catalyst Surfaces Based on Molecular Syntheses and In Situ Characterization Techniques
10:10-10:25		Coffee break		
10:25-12:05	5 Orals (20min/talk includingQ&A)	OL-1 Kiyotaka Nakajima OL-2 Suman K. Jana OL-3 Yong-Gun Shul OL-4 Yuzo Imizu OL-5 Misook Kang	Tokyo Institute of Technology Yokohama National University Yonsei University Kitami Institute of Technology KyungHee University	Synthesis of SO₂H-functionalized Hybrid Mesoporous Solid Acid Catalyst Synthesis of Cobalt Containing Heteropolyoxometalate-Pillared Hydrotalcite and its Catalysis for Liquid-Phase Oxidation of Cyclohexanol with Molecular Oxygen Discovery of new electrocatalyst for Fuel Cell using combinatorial technique Hydrogenation of Olefin over Phenylsilane-Modified Alumina Catalyst The Hydrophilicities of Metal (Ba,Al,Si,V, and W) -Incorporated TiO₂ Nanometer-Sized Particles and their Catalytic Performances for Toluene Photo-Decomposition with H₂O Addition
12:05-13:30		Lunch		
13:30-15:10	5 Orals (20min/talk includingQ&A)	OL-6 Jae Sung Lee OL-7 Masaya Matsuoka OL-8 Wonyong Choi OL-9 Tatsuo Matsushima OL-10 Hiroshi Onishi	POSTECH Osaka Prefecture University POSTECH Hokkaido University Kobe University	Strategic Development of Nanocomposite Photocatalysts Working under Visible Light Irradiation Photocatalytic Splitting of Water on the Visible Light-Responsive TiO₂ Thin Film Photocatalysts Prepared by Magnetron Sputtering Deposition Method Surface Platinization and Surface Fluorination of TiO₂ as a Mean of Modifying Photocatalytic Reactivities Surface-Nitrogen Removal in NO and N₂O Reduction on Pd(110); Angular Distribution Studies of Desorbing Products Surface Photochemical Reactions Observed by Scanning Probe Microscopes
15:10-15:25		Coffee break		

15:25-17:05	5 Orals (20min/talk includingQ&A)	OL-11 Kye Sang Yoo	KIST	Preparation and characterization of nanostructured TiO ₂ using ionic liquid assisted sol-gel method
		OL-12 Naonobu Katada	Tottori University	Shape Selective Adsorption Property of Molecular Sieving Silica Overlayer Prepared by Chemical Vapor Deposition Method Using Organic Template on Tin Oxide
		OL-13 Oh-Shim Joo	KIST	Nanocrystalline Mo and Co thin Films: Direct Low-temperature Electrodeposition and their Catalytic Activities
		OL-14 Shuichi Naito	Kanagawa University	The CO-H ₂ and CO-H ₂ O Reactions over TiO ₂ Nanotubes Filled with Pt Metal Nanoparticles
		OL-15 Sang-Eon Park	Inha University	Catalysis by Novel Ni-Containing Openframework Materials

17:10-18:40 Poster Session (GP1)

May 12th

8:30-9:00 Registration

9:00-9:50 Plenary Lecture PL-2 Jong Rack Sohn Kyungpook National University Correlation between Acidic Properties of Solid Acid Catalysts and Catalytic Activities for Acid Catalysis

9:50-10:30 2 Orals (20min/talk includingQ&A) OL-16 Isao Mochida Kyushu University Ultra Deep HDS over Silica-Alumina Supported Sulfide Catalysts
OL-17 Sang Heup Moon Seoul National University Performance of Sonochemically Synthesized MoS₂ Catalysts Supported on Mesoporous Carbon in the Deep Hydrodesulfurization of Dibenzothiophenes

10:30-10:45 Coffee break

10:45-11:45 3 Orals (20min/talk includingQ&A) OL-18 Jin S. Yoo Kocac. The effect of sulfur treatment on Ag/Al₂O₃ catalyst for the selective catalytic reduction of NO_x
OL-19 Sung-Won Ham POSTECH Effect of Promoters including Tungsten and Barium on the Thermal Stability of V₂O₅/sulfated TiO₂ Catalyst for NO Reduction by NH₃
OL-20 Seong Ihl Woo KAIST Development of Multi-Component DeNO_x Catalyst by Newly Constructed Combinatorial Evaluation System, SUPER-I

11:45-13:10 Lunch

13:10-14:40 Poster Session (GP2)

14:40-17:10 5 Invited from industry (30min/talk includingQ&A) IL-1 Keisuke Sugita Sumitomo Chemical The Development and Industrialization of the Vapor Phase Beckmann Rearrangement Process for the Production of ϵ -Caprolactam
IL-2 Won H. Lee LG Chem. Co. Preparation of Mo-V-Te-Nb-O catalysts with acidic additives
IL-3 Takashi Fujikawa COSMO Oil Development of Ultra Deep HDS Catalyst for Production of Clean Diesel Fuels
IL-4 Seung Hoon Oh SK Chem. Co. BTX Production by Upgrading of Hydrocarbons over Metal Promoted Zeolite Catalysts
IL-5 Takashi Atoguchi Ube Industries Beta Zeolite as a Selective Catalyst for Hydroxylation of Aromatics

17:10-17:25 Coffee break

17:25-18:45 4 Orals (20min/talk includingQ&A) OL-21 Takashiro Muroi N. E. Chemcat Corp. Advanced Catalysts for Fine Chemical
OL-22 Dong Hyun Kim Kyungpook National University Selective Catalytic Oxidation of Carbon Monoxide with Carbon Dioxide, Water Vapor and Excess Hydrogen on CuO-CeO₂ Mixed Oxide Catalysts
OL-23 Mamoru Ai Niigata Institute of Technology Formation of Methyl Methacrylate from Methyl Propionate and Methanol
OL-24 Haruro Ishitani Tokyo Institute of Technology Friedel-Crafts Reactions over Mesoporous Silica Materials

18:45-18:50 Closing remarks

19:30-21:00 Banquet
