

Room A	Time		Name	affiliation	Title
4(SUN)	17:00	PL1	Keiji MOROKUMA	Kyoto Univ. and Emory Univ.	Theory can Provide Insights Unavailable from Experiments in Catalysis
5(MON)	10:30	PL2	Gabor A. SOMORJAI	Univ. of California, Berkeley	Bridging Heterogeneous and Homogeneous Catalysis using Supported 10-50 Atom Size Metal Nanoparticles
	11:30	OA1	Masatoshi OSAWA	Hokkaido Univ.	Mechanistic Study on Electrocatalytic Oxidation of Formic Acid and Formate Ion on Platinum by Cyclic Voltammetry and SEIRAS
	11:50	OA2	Evgeny PIDKO	Eindhoven Univ. of Technology	Molecular Aspects of Glucose Activation by Homogeneous and Heterogeneous Lewis Acid Catalysts
	13:30	KN1	Bert WECKHUYSEN	Utrecht Univ.	Nanoscale Chemical Imaging of Individual Catalyst Particles at Work
	14:10	OA3	Eiji YAMAMOTO	Hokkaido Univ.	Unexpected Formal Nucleophilic Boryl Substitution of Organic Halides with Silylborane/Alkoxy Base System
	14:30	OA4	Karl-Heinz DOSTERT	Fritz Haber Institute of the Max Planck Society	Chemoselectivity in Hydrogenation of α,β -Unsaturated Carbonyl Compounds on Pd Model Catalysts
	15:10	OA5	Rinaldo PSARO	CNR ISTM	New Concepts in Heterogeneous Catalysis: Relations Between Particle Size and Acidic Behavior
	15:30	OA6	Kyoichi SAWABE	Nagoya Univ.	Theoretical Study on Role of Lewis Acid of CeO ₂ on Selective Nitrile Hydration
	15:50	OA7	Nobuyuki KOMINE	Tokyo Univ. of Agriculture and Technology	Selective Alkene and Alkyne Insertion into Hydrogen-Tungsten Bond Assisted by Mono(phosphorus ligand)palladium(0) Complexes
	16:10	OA8	Emmanuel CALLENS	King Abdullah Univ. of Science and Technology	Synthesis and Characterization of a Well-defined Supported Tungsten Methylidene Complex
6 (TUE)	9:00	PL3	Pierre H. DIXNEUF	Univ. of Rennes	Ruthenium Catalyzed processes from Carbenes to C-H Bond Functionalizations
	10:10	KN3	Mizuki TADA	Nagoya Univ.	Space-Resolved XAFS Characterization of Heterogeneous Catalysts
	10:50	OA9	Bruce C. GATES	Univ. of California, Davis	Synthesis, Spectroscopy, and Atomic-Resolution Imaging of Supported Osmium Complexes and Clusters with Essentially Molecular Structures
	11:10	OA10	Seiji YAMAZOE	The Univ. of Tokyo	Role of a Pd Dopant Atom for Oxidation Catalysis of Supported PdAu ₂₄ Clusters
	11:30	OA11	Raghu Nath DHITAL	Institute for Molecular Science	Carbon-Chlorine Bond Activation by Bimetallic Gold/Palladium Alloy Nanoclusters under Ambient Conditions: An Application to Ullmann Coupling
	11:50	OA12	Toshiaki TANIKE	Japan Advanced Institute of Science and Technology	MgO/MgCl ₂ /TiCl ₄ Core-Shell Catalyst for Establishing Structure-Performance Relationship in Ziegler-Natta Olefin Polymerization
	13:30	PL4	David MILSTEIN	Weizmann Institute of Science	Discovery of Sustainable Catalytic Reactions Based on Pincer Complexes
	14:40	KN5	Steven BERGENS	Univ. of Alberta	At the Crossroad between Homogeneous and Heterogeneous Catalysis: New Reactions, Mechanisms, and Catalysts for Sustainable Synthesis
	15:20	OA13	Andrey LYALIN	Kyoto Univ.	Catalytic Activity of H-BN Based Nanomaterials for Oxygen Reduction Reaction
	15:40	OA14	Akihito IMANISHI	Osaka Univ.	Dependence of Photooxidation Reaction of Water on Atomic Level Surface Local Structure at TiO ₂ Single Crystal Electrode
	16:00	OA15	Zheng WANG	Kyoto Univ.	Characterization of Cu Nanoparticles on TiO ₂ Photocatalysts Fabricated by Electroless Plating Method
	16:20	OA16	Kazuhiko MAEDA	Tokyo Institute of Technology	Solar-Driven Z-Scheme Water Splitting using BaZrO ₃ -BaTaO ₂ N Solid Solution Photocatalysts

7 (WED)	9:00	PL5	Krzysztof MATYJASZEWSKI	Carnegie Mellon Univ.	Catalysis in Radical Polymerization
	10:10	KN7	Pierre BRAUNSTEIN	Université de Strasbourg-CNRS	The Tuning of Static or Hemilabile Metal-ligand Systems for Stoichiometric and Catalytic Transformations
	10:50	OA17	Micha ASSCHER	The Hebrew Univ. of Jerusalem	Anchoring Bimetallic Clusters by Reduced Oxide Surface Sites: Its Effect on Thermal Stabilization, Elemental Composition and Reactivity
	11:10	OA18	Atsushi MURAMATSU	Tohoku Univ.	Synthesis of Well-Crystallized Rh-Te Alloy Nanoparticulate Catalysts by Liquid Phase Reduction Method
	11:30	OA19	Kenji HARA	Hokkaido Univ.	High Density Monolayer of Rh-Diisocyanide on Gold Surface as a Platform for Active and Selective Hydrogenation Catalysis
	11:50	OA20	Tewodros ASEFA	The State Univ. of New Jersey	Improving Heterogeneous Catalysis by Rationally Co-Assembling Organocatalysts and/or Metallic Nanoclusters within Nanostructured Systems
	13:30	KN9	Alexander KATZ	Univ. of California, Berkeley	Control of Molecular Catalysis on Surfaces Using Bioinspired Approaches
	14:10	OA21	Xirong HUANG	Shandong Univ.	Enzyme Catalysis in Ionic Liquid-based Reverse Micelles
	14:30	OA22	Marco HAUMANN	Friedrich-Alexander-Universität Erlangen-Nürnberg	Ionic Liquid thin Film Technology – Advanced Materials for Catalysis
	15:10	OA23	Hiroimi YAMASHITA	Osaka Univ.	Enhancement of Catalytic Performance in One-Pot Oxidation Reaction Using Pd/SiO ₂ @Ti-Containing Mesoporous Silica Core-shell Type Catalyst
	15:30	OA24	R. Tom BAKER	Univ. of Ottawa	Selective Aerobic Oxidation of C-C Bonds in Lignin Models and Extracts using Supported Base Metal Complexes: A Comparison of Oxovanadium and Copper Catalysts
	15:50	OA25	Takeshi YAMAMOTO	Kyoto Univ.	Tuning the Chiral Ether Side Chains of Helically Chiral Polymer Ligand PQXphos
	16:10	OA26	Satoshi MURATSUGU	Nagoya Univ.	Surface Functionalization of SiO ₂ -Supported Mn Cluster with SiO ₂ -Matrix Overlayers toward Durable Mn Cluster Catalysts for Selective Epoxidation
8 (THU)	9:00	PL6	Hans-J. FREUND	Fritz Haber Institute of the Max Planck Society	Model Studies on Heterogeneous Catalysis at the Atomic Scale
	10:10	KN11	Christopher W. JONES	Georgia Institute of Technology	Tuning Amine-Silanol Cooperativity in Aldehyde Coupling Reactions
	10:50	OA27	Martino RIMOLDI	ETH Zurich	An Iridium (III) Hydride Pincer Complex Grafted on Mesoporous Silica as Single-Site Catalyst for Gas-Phase Olefin Hydrogenation
	11:10	OA28	Kazu OKUMURA	Tottori Univ.	Formation and Catalysis of Thermally Stable Gold Nanoparticles on Ultrastable Y Zeolites
	11:30	OA29	Charles VRIAMONT	Université Catholique de Louvain	A New Bifunctional Ligand Allowing Preparation of Bimetallic Nanoparticles or Immobilization of Homogeneous Catalysts on Nano-Carbons
	11:50	OA30	Takato MITSUDOME	Osaka Univ.	Design of AgNP@CeO ₂ Core-Shell Nanocomposite Catalyst for Highly Chemoselective Reductions
	13:30	PL7	Christophe COPÉRET	ETH Zurich	Controlled Functionalization of Surfaces to Access to Well-defined Supported Nanoparticles and Single-site Catalysts
	14:40	KN13	Christopher HARDACRE	Queen's Univ. Belfast	Development of Catalysts for the Benign Hydrogenation of Amides and Acids
	15:20	OA31	Takashi KOIKE	Tokyo Institute of Technology	Visible-Light-Induced Trifluoromethylation of Alkenes by Photoredox Catalysis
	15:40	OA32	Ekaterina BOLBAT	Lund Univ.	Carbon-Hydrogen Bond Activation using Supported Pd-Based Catalysts: Mechanistic Investigation and Characterisation by X-Ray Spectroscopy
	16:00	OA33	Bunsho OHTANI	Hokkaido Univ.	Development of a Photocatalytic Stereoselective Synthetic System --Synthesis of Pipecolinic Acid by Hollow Core-Shell Silica-Titania Particles
	16:20	OA34	Valentina MATVEEVA	Tver Technical Univ.	Immobilized oxidoreductases for selective oxidation of organic compounds
	16:40	OA35	Makoto ONAKA	The Univ. of Tokyo	Formation of Secondary Carbocations from Alcohols and Their Long-term Storage in Zeolite Subnano-housing under Ambient Conditions
	17:00	OA36	Marco RANOCCHIARI	Paul Scherrer Institute	Catalysis with AuI onto a Coordination Polymer: A Solid Porous Ligand with Free Phosphine Sites

9 (FRI)	9:00	OA37	Qihua YANG	Dalian Institute of Chemical Physics	Microenvironment Engineering of Nanopore for Enzyme Accommodation
	9:20	OA38	Yutaka AMAO	Oita Univ.	Effect of Chemical Structure of Viologen-derivatives on the CO ₂ Reduction Activity with Formate Dehydrogenase
	10:10	KN15	Osamu ISHITANI	Tokyo Institute of Technology	Artificial Z-scheme Constructed with a Supramolecular Metal Complex and Semiconductor for Photocatalytic Reduction of CO ₂
	10:50	OA39	Takeo OHSAKA	Tokyo Institute of Technology	A Novel TaOx-Pt Nanocomposite for Oxygen Reduction: An Investigation of Physical and Electrochemical Properties
	11:10	OA40	Seong Ihn WOO	Korea Advanced Institute of Science and Technology	Enhanced Electrochemical Oxygen Reduction Reaction by Restacking of N-doped Single Graphene Layers
	11:30	OA41	Kensaku NAGASAWA	The Univ. of Electro-Communications	Electrochemical Activity and Durability of Pt/Carbon Cathode Catalysts in Polymer Electrolyte Fuel Cells for Oxygen Reduction Reactions in Repeated Potential Cycles
	11:50	OA42	Takuya MASUDA	National Institute for Materials Science	Very Efficient Electrochemical and Photoelectrochemical Hydrogen Evolution and CO ₂ Reduction Reactions at Si(111) Electrodes Modified by Molecular Layer with Viologen Moiety as an Electron Transfer Mediator and Metal Complex as a "Confined Molecular Catalyst"
	13:30	KN17	Gong CHEN	The Pennsylvania State Univ.	New Palladium-Catalyzed C-H Functionalization Methods for Organic Synthesis
	14:10	OA43	Igor SLOWING	U.S. Department of Energy	Comparing the Kinetics of Homogeneous versus Heterogeneous Reactions using Amine Catalysts: Effects of Structure and Surface Chemistry of the Support
	14:30	OA44	Hiroki MUROYAMA	Kyoto Univ.	Ammonia Decomposition over Ni/La ₂ O ₃ Catalyst for Hydrogen Production
	14:50	OA45	Mong-Chou LO	National Taiwan Univ. of Science and Technology	Effect of Periodic Illumination on Photocatalytic Decomposition of Bisphenol A in Aqueous Solutions using UV-LEDs
	15:10	OA46	Tetsuaki FUJIHARA	Kyoto Univ.	Copper-Catalyzed Silacarboxylation of Alkynes Employing Carbon Dioxide and Silylboranes
	15:30	OA47	Ken MOTOKURA	Tokyo Institute of Technology	Transformation of Carbon Dioxide to Silyl Formate Catalyzed by Copper-Diphosphine Complexes

Room B	Time		Name	affiliation	Title
5(MON)	11:30	OB1	Yoshinao NAKAGAWA	Tohoku Univ.	Selective Hydrogenolysis of Biomass-Derived Oxygen-Rich Compounds over Ir-ReOx/SiO ₂ Catalyst
	11:50	OB2	Masayuki SHIRAI	AIST	Catalytic Chemical Transformation of Biomass-Derived Compounds using Water and Carbon Dioxide Media
	13:30	OB3	Susumu SAITO	Nagoya Univ.	Catalytic Hydrogenation of Unactivated Amides Going Milder and Practical
		OB4	Youzhu YUAN	Xiamen Univ.	High Performance of Supported Cu Catalysts Doped with Noble Metals for Selective Hydrogenation of Carboxylic Acids and Esters
	14:10	OB5	Satoshi SATO	Chiba Univ.	Effect of Ag Loading on Cu/Al ₂ O ₃ Catalyst in the Vapor-phase Hydrogenolysis of Glycerol into 1,2-Propanediol
	14:30	OB6	Rupesh V. CHIKHALE	Rashtrasant Tukadoji Maharaj Nagpur Univ.	Understanding the Diastereoselectivity of Bicyclic Isoxazolidine Obtained from the α,α -Diphenylprolinol Trimethylsilyl Ether-Catalyzed Reaction
	15:10	KN2	Noritaka MIZUNO	The Univ. of Tokyo	Design of Highly Functionalized Polyoxometalate-based Catalysts: From Molecular to Solid Catalysts
	15:50	OB7	Toshiyuki MASUI	Osaka Univ.	Room Temperature Oxidation of Carbon Monoxide on Pt/CeO ₂ -ZrO ₂ -Bi ₂ O ₃ Catalysts
	16:10	OB8	Mohamed EL DOUKKALI	Univ. of the Basque Country	Deactivation Causes of Pt/Ni-based γ -Al ₂ O ₃ Catalysts Used in Aqueous Phase Reforming of Glycerol to Produce Hydrogen
	17:30	Opening			
	17:35	ES1-1	Akira YOSHINO	Asahi Kasei Corp	Lithium Ion Battery and Interface Reaction
	18:15	ES1-2	Terunori FUJITA	Mitsui Chemicals Singapore R&D Centre, Pte. Ltd.	New High-Performance Catalysts Developed at Mitsui Chemicals
	19:05	ES1-3	Yoshihiko ODA	Sumitomo Chemical Co., Ltd.	Catalyst Research and Development of High Performance Materials in Accordance with R&D Strategy of Sumitomo Chemica
	19:45	ES1-4	Tohru SETOYAMA	Mitsubishi Chemical Company	The Diversification of Chemical Feed-stocks and the Related Environmentally Benign Catalytic Processes
6 (TUE)	10:10	OB9	Tatsuya TSUKUDA	The Univ. Tokyo	Dendrimer Encapsulated Copper Cluster as a Chemoselective and Regenerable Hydrogenation Catalyst
	10:30	OB10	Valentina MATVEEVA	Tver Technical Univ.	Magnetically Separable Catalysts for Selective Hydrogenation of Unsaturated Compounds
	10:50	OB11	Isao OGINO	Hokkaido Univ.	Microreactor-type Catalytic Material Synthesized by Immobilizing Nanosheets of Mg-Al Layered Double Hydroxides in a Monolithic Silica
	11:10	OB12	Hayato TSURUGI	Osaka Univ.	New Reduction Method for Generating Low-Valent Tantalum Species by Reaction of TaCl ₅ and Bis(trimethylsilyl)cyclohexadiene: Trapping the Low-Valent Species by Ethylene and Redox-Active α -Diimine Ligands
	11:30	KN4	PHER ANDERSSON	Stockholm Univ.	Turning Dihydrogen into a Highly Versatile Reagent in Enantioselective Synthesis
	14:40	OB13	Ichiro YAMANAKA	Tokyo Institute of Technology	Diphenyl Carbonate Synthesis by Homogeneous Pd Electrocatalyst
	15:00	OB14	Ren TOMITA	Kyushu Univ.	Transformations of Terminal Alkenes into Primary Allylic Alcohols and Derivatives via Palladium Catalyzed Allylic C-H Oxidation
	15:20	OB15	Tim STORR	Simon Fraser Univ.	Oxidized Metal Phenoxide Complexes - Correlation of Electronic Structure and Reactivity
	15:40	OB16	Hideki SUGIMOTO	Osaka Univ.	An Osmium(III)/Osmium(V) Redox Couple for <i>cis</i> -1,2-Dihydroxylation of Alkenes with H ₂ O ₂ : Os Complex with a Nitrogen- Based Tetradentate Ligand
	16:00	KN6	Kuilong DING	Shanghai Institute of Organic Chemistry	Endeavors Towards Bridging the Gap between Homo & Heterogeneous Asymmetric Catalysis with Organometallics

6 (TUE)	17:40	Opening			
	17:45	Panel Discussion	Jean M. BASSET	King Abdullah Univ. of Science and Technology	
			Hans J. FREUND	Fritz Haber Institute of the Max Planck Society	
			Bruce C. GATES	Univ. of California, Davis	
			Yasuhiro IWASAWA	The Univ. of Electro-Communications	
			Can LI	Dalian Institute of Chemical Physics	
			David MILSTEIN	Weizmann Institute of Science	
			Atsushi FUKUOKA	Hokkaido Univ.	
7 (WED)	10:10	OB17	Hayato YUZAWA	Institute for Molecular Science	Anti-Markovnikov Hydration of Alkenes over Pt/TiO ₂ Photocatalyst
	10:30	OB18	Piet WNM VAN LEEUWEN	Institute of Chemical Research of Catalonia	Ligand Effects in the Hydrogenation of Aromatic Compounds by Ruthenium Metal Nanoparticles Ligand Effects in the Hydrogenation of Aromatic Compounds by Ruthenium Metal Nanoparticles
	10:50	OB19	Kohsuke MORI	Osaka Univ.	Design of Visible-light-induced Photocatalysis Based on Ru Complex Fixed on the Inorganic Matrices and its Enhancement by the Assist of Localized Surface Plasmon Resonance
	11:10	OB20	Xiang SHAO	Univ. of Science and Technology of China	Looking at Photocatalytic Reaction of Methanol on the Rutile TiO ₂ (110) Surface with Low-Temperature STM
	11:30	KN8	Masahiro MIURA	Osaka Univ.	Direct Aromatic Coupling by Transition Metal Catalysis
	13:30	OB21	Tetsu TSUBOGO	The Univ. of Tokyo	Toward Efficient Asymmetric Carbon & Carbon Bond Formation using Catalytic Flow with Heterogeneous Catalysts
	13:50	OB22	Pilar GARCIA-GARCIA	Instituto de Tecnologia Quimica	Novel Multisite Chiral Solid Catalyst for Asymmetric Multicomponent Reactions
	14:10	OB23	Kosei SUGAHARA	The Univ. of Tokyo	Efficient Knoevenagel Condensation by a Highly Negatively Charged Divacant Germanotungstate Catalyst
	14:30	OB24	Masato OHASHI	Osaka Univ.	Pd(0)-Catalyzed Cross-Coupling Reaction of Perfluoroalkene with Arylmetal Reagents
	15:10	KN10	Michael C. W. CHAN	City Univ. of Hong Kong	Probing [C-H...F-C] and Related Contacts as Models of Weak Attractive Ligand-Polymer Interactions
	15:50	OB25	Yoshifumi MAEGAWA	Toyota Central R&D Labs., Inc.	Periodic Mesoporous Organosilica as a Solid Chelating Ligand: Application to Direct C-H Borylation of Arenes
	16:10	OB26	Shiguang PAN	Waseda Univ.	Iridium-catalyzed Alkylation of C-H Bonds with Alkenes
	17:30	Opening			
	17:40	ES3-1	Neil Garg	Univ. of California, Los Angeles	Nickel and Iron-catalyzed Cross-Couplings of Phenolic Derivatives
	18:15	ES3-2	Nobuharu Iwasawa	Tokyo Institute of Technology	Rhodium-Catalyzed Direct Carboxylation Reaction of sp ² C-H Bond
	18:45	ES3-3	Fumitoshi Kakiuchi	Keio Univ.	Convenient Syntheses of Multi-Substituted Acenes by C-H Functionalization
	19:25	ES3-4	Kazuhiko Takai	Okayama Univ.	Rhodium-Catalyzed Synthesis of Silafluorene Derivatives via Cleavage of Silicon Hydrogen and Carbon Hydrogen Bonds
	19:55	ES3-5	Lukas Gooßen	TU Kaiserslautern, Erwin-Schrödinger-Straße	Sustainable Concepts for C-C and C-Heteroatom Bond Formation

8 (THU)	10:10	OB27	Shinji KATO	Kawamura Institute of Chemical Research	PAMAM Dendrimer-Stabilized Pd Nanoparticles Captured in Porous Polymer Platforms: A Tailor-Made Catalyst Directing toward Future Progress in Green and Sustainable Chemistry
	10:30	OB28	Hong Y TANG	National Chi Nan Univ.	Catalytic Synthesis of para-Phenylenediamine Oligomers
	10:50	OB29	Norio NAKATA	Saitama Univ.	Precisely Isospecific Polymerization of α -Olefins Catalyzed by Hafnium Complex Incorporating with a [OSSO]-Type Bis(phenolate) Ligand
	11:10	OB30	Fabian F. KARBACH	Eindhoven Univ. of Technology	Silica-Supported Ethylene Oligomerization Catalysts
	11:30	KN12	Giuliano GIAMBASTIANI	ICCOM-CNR	Metal-Ligand Synergy in Group-IV Organometallics for the Catalytic Polymerization and Hydroamination of Unactivated Olefins
	14:40	OB31	Atsushi TAKAGAKI	The Univ. of Tokyo	Cyclodehydration of Sugar Alcohols in Water using a Layered Metal Oxide as a Water-Tolerant Solid Acid Catalyst
	15:00	OB32	Shigeyoshi SAKAKI	Kyoto Univ.	Comparison of Catalysis between Transition Metal and non-Transition Metal Hydrides: Theoretical Prediction How to Construct Catalytic Cycle with non-Transition Metal Compound
	15:20	OB33	Tatsumi ISHIHARA	Kyushu Univ.	Direct Synthesis of Acetic Acid by Liquid Phase Oxidation of Ethane on H-ZSM-5 with H ₂ O ₂
	15:40	OB34	Mitsufumi WADA	Mitsui Chemical, Inc	Bioproduction of D-lactic Acid and Isopropyl Alcohol
	16:00	KN14	Xinhe BAO	Dalian Institute of Chemical Physics	Enhancement of Selective Oxidation Reaction by NanoCatalysis: From Vision to Reality
	16:40	OB35	Henning KAYSER	ITMC, RWTH Aachen Univ.	Chitosan - a Bio-based Organocatalyst for the Production of Biomass-Derived Platform Chemicals
	17:00	OB36	Nobuki OZAWA	Tohoku Univ.	Catalyst Activity Analysis of Metal Surface for Oxidation Reaction of Ethylene Glycol in Alkaline Fuel Cell via First-Principles Calculation
9 (FRI)	9:00	OB37	Itaru NAKAMURA	Tohoku Univ.	Synthesis of Azepine Derivatives via Rh-Catalyzed Tandem 2,3-Rearrangement-Heterocyclization
	9:20	OB38	Kenji WADA	Kyoto Univ.	Dehydrogenative Synthesis of Benzimidazoles with Supported Iridium Catalysts
	10:10	OB39	Liang ZHANG	RIKEN	N-Heterocyclic Carbene-Copper Complexes-Catalyzed Carboxylation Reactions with Carbon Dioxide
	10:30	OB40	Hiroshi SHINTAKU	Tokyo Institute of Technology	Lewis Acid Catalysis of Mesoporous Titanosilicates in Water
	10:50	OB41	Karine PHILIPPOT	CNRS	Organometallic Synthesis of Ruthenium Nanoparticles for Biphasic Liquid-liquid Hydrogenation Catalysis
	11:10	OB42	Kenichi SHIMIZU	Hokkaido Univ.	CeO ₂ -Catalyzed Transformations of Nitriles and Amides
	11:30	KN16	Rinaldo POLI	Laboratoire de Chimie de Coordination	Assembly of Functionalized Macromolecular Architectures by Controlled Radical Polymerization and Catalytic Applications
	13:30	OB43	Linsheng WANG	The Univ. of Electro-Communications	Selective Oxidation of Benzene to Phenol with Molecular Oxygen Promoted with Ammonia on Pt/Zeolite Catalysts
	13:50	OB44	Kotaro MIYAZAKI	Hokkaido Univ.	A New Challenge of Energy-filtered X-ray Photoemission Electron Microscopy (EXPEEM) with a Wien Filter
	14:10	OB45	Dorota RUTKOWSKA-ZBIK	Jerzy Haber Institute of Catalysis and Surface Chemistry	The Influence of N-methylimidazole on the Reactivity of Model Complex of Cp ₂ II - A Combined Experimental and Theoretical Study
	14:30	OB46	Hung Thanh NGUYEN	Yamanashi Univ.	Investigation of Catalyst Life in Supercritical Water Gasification of Biomass: Comparison of Batch Reaction and Continuous Reaction
	14:50	OB47	Fudong LIU	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	The Application of XAFS Technique in the Characterization of Environmental Catalysts for the Removal of Air Pollutants
	15:10	OB48	Martin SCHMAL	Federal Univ. of Rio de Janeiro	Synthesis and Characterization of Perovskite-type Oxides La _{1-x} M _x CoO ₃ (M=Ce;Sr) for the Selective CO Oxidation (PROX)
	15:30	OB49	Jun-ya HASEGAWA	Hokkaido Univ.	Mechanism of Carbon Dioxide Fixation by a Bifunctional Porphyrin Catalyst: A Theoretical Study