

The symbols of presentation are as follows:

PL	Plenary Lecture
IL	Invited Lecture
O	General Oral Presentation
IO	Industrial Oral Presentation
P	General Poster Presentation
IP	Industrial Poster Presentation

ID	Prese- ta- tion No.	Presenta- tion day	Corresponding Author	Organization	Country	Title	Co-author
225	P-541	2006/7/28	O-Bong Yang		South Korea	Enhanced photo response under visible light in metal ionized titania nanotubes for water splitting reactions	Mahmood Alam Khan(Department of Chemical Engineering,Chonbuk National University, Jeonju),Hyuncheol Lee(Department of Chemical Engineering,Chonbuk National
227	PI-217	2006/7/25	Daniel J Ostgard	Degussa AG	Germany	The selective hydrogenation of unsaturated fatty nitriles to unsaturated primary amines with carbon-templated activated nickel catalysts	Roberta Olindo(Degussa AG),Monika Berweiler(Degussa AG),Stefan Roder(Degussa AG),Thomas Tacke(Degussa AG)
228	IO-A26	2006/7/27	Takaaki Kanazawa	Toyota Motor Corporation	Japan	Catalytic Activity and Sintering Behavior of Precious Metal Particles Located in the Mesoporous Grain Boundary of Zeolite	
229	PI-420	2006/7/27	Sandra Simonetti	Universidad Nacional del Sur	Argentina	A bonding study of c-C5H8 adsorption on Pt(111)	Paula Jasen(Universidad Nacional del Sur),Estela Gonzalez(Universidad Nacional del Sur),Alfredo Juan(Universidad Nacional del Sur),Graciela Brizuela(Universidad Nacional del Sur)
231	P-331	2006/7/26	Mehdi Rashidzadeh		Iran	Effect of Additives and Temperature on Pd/Al2O3 Catalysts for Auto Exhaust Emission Control	
232	P-332	2006/7/26	ahmad nikpey	Dept of Occupational Health, Medical Science, Qazvin University, Qazvin,	iran	Effect of Si/Al ratio and preparation technique on the catalytic conversion of MTBE using MFI zeolites	Hossein Kazemian(Jaber Ibn Hayan Research lab, Atomic Energy Organization of Iran (AEOI), Tehran, Iran),Hossein Kazemian
234	O-C14	2006/7/25	Grisel Corro	Benemerita Universidad Autonoma de Puebla	Mexico	Promotional effect of propylene or propane on the activity of sulfated Pt/Al2O3 and Pt-Sn/Al2O3 in CH4 combustion.	Odilon Vazquez Cuchillo(Benemerita Universidad Autonoma de Puebla),Fortino BAÑUELOS Romero(Benemerita Universidad Autonoma de Puebla),Maximiliano Asomoza(Universidad Autonoma Metropolitana-Iztapalapa)
235	P-333	2006/7/26	John Armor	GlobalCatalysis.com L.L.C.	USA	The CO2 Dilemma	
238	P-121	2006/7/24	Dilgam Tagiyev	Institute of Petrochemical Processes	Azerbaijan	Catalytic activity of modified mordenite-zirconia catalysts for n-butane isomerization	Roman Starikov(Institute of Petrochemical Processes),Arzu Imanova(Institute of Petrochemical Processes)
240	P-349	2006/7/26	Masahiro Saito	National Institute of Advanced Industrial Science and Technology	Japan	Development of Cu/ZnO-based multicomponent catalysts for the water-gas shift reaction	Isao Takahara(National Institute of Advanced Industrial Science and Technology),Kazuhisa Murata(National Institute of Advanced Industrial Science and Technology),Megumu Inaba(National Institute of Advanced Industrial Science and Technology),Kazumi Tomoda(New Energy and Industrial Technology Development
241	P-334	2006/7/26	Reda Mohamedy Mohamed	Central Metallurgical Research and Development Institute, CMRDI	Egypt	CHARACTERIZATION OF SYNTHESIZED ZEOLITES OPTIMIZED FOR HEAVY METAL REMOVAL	Guatam Kini(UF University),adel Ali ismail(Central Metallurgical Research and Development Institute, CMRDI),Ibrahim Ahmed ibrahim(Central Metallurgical Research and Development Institute, CMRDI),Ben koopman koopman(2Environmental Engineering Sciences, University of Florida, Gainesville 32611, USA)

242	P-301	2006/7/26	Takayuki Komatsu	Tokyo Institute of Technology	Japan	Dehydroisomerization of butane into isobutene on Pt-Sn/H-SAPO-11 catalyst	Hirokazu Ikenaga(Tokyo Institute of Technology)
243	P-170	2006/7/24	Juan Matos	Venezuelan Institute for Scientific Research (I.V.I.C.)	Venezuela	Influence of Surface pH of Activated Carbon on Photocatalytic Activity of TiO ₂ in 4-Chlorophenol Photodegradation	Tulyan Cordero(Venezuelan Institute for Scientific Research (I.V.I.C.)),Jean-Marc Chovelón(Laboratoire d' Application de la Chimie à l' Environnement, Université Claude Bernard Lyon I),Corinne Ferronato(Laboratoire d' Application de la Chimie à l' Environnement, Université Claude Bernard Lyon I),
244	O-B04	2006/7/24	Juan Matos	Venezuelan Institute for Scientific Research (I.V.I.C.)	Venezuela	Activated Carbon Supported Ni-Ca: Influence of Reaction Parameters on Activity and Stability of Catalyst on Methane Reformation	Karina Díaz (Venezuelan Institute for Scientific Research (I.V.I.C.)),Victor García (Venezuelan Institute for Scientific Research (I.V.I.C.))
245	P-350	2006/7/26	Hidenori Yahiro	Faculty of Engineering, Ehime University	Japan	Water-gas-shift reaction of Cu/Al ₂ O ₃ catalysts calcined at high temperature	Kazuhiko Saiki(Faculty of Engineering, Ehime University),Tetsuya Yamamoto(Faculty of Engineering, Ehime University),Hiroyuki Yamaura(Faculty of Engineering, Ehime University)
246	PI-232	2006/7/25	Atsuyuki Miyaji	Showa Denko K.K.	Japan	Promotional effect of Te for direct oxidation of ethylene over Pd-H ₄ SiW ₁₂ O ₄₀ /SiO ₂	Yuichi Kamiya(Hokkaido University),Toshio Okuhara(Hokkaido University),Tetsuo Nakajo>Showa Denko K.K.)
247	P-140	2006/7/24	Jianchun Xie	School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China	China	Amino acid catalyzed conversation of cinnamaldehyde into benzaldehyde under microwave assistance	Baoguo Sun(School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China),Fuping Zheng(School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China),Yuping Liu(School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China),Hongyu Tian(School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China),Bai Mo(School of Chemical and Environmental Engineering, Beijing Technology and Business University, Beijing, 100037, China)
248	O-B36	2006/7/28	Gopinathan Sankar		United Kingdom	Strucutre of Transition metal ions substituted open-framework catalysts and their catalytic properties	
249	PI-220	2006/7/25	kiyoshi Watanabe	Zeon Corporation	Japan	Development of a new solvent: Cyclopentyl Methyl Ether(CPME)	Hideaki Miki(Zeon Corporation),Naoto Kogoshi(Zeon Corporation)

250	P-171	2006/7/24	Naijia Guan	Institute of New Catalytic Materials Science, College of Chemistry, Nankai University	PR China	Low temperature synthesis of visible-light responsive N-C-incorporated anatase titania nanorods via solvothermal process	Zuyuan Wang(Institute of New Catalytic Materials Science, College of Chemistry, Nankai University),Fuxiang Zhang(Institute of New Catalytic Materials Science, College of Chemistry, Nankai University),Landong Li(Institute of New Catalytic Materials Science, College of Chemistry, Nankai University)
251	O-C07	2006/7/25	Krijn Pieter de Jong	Utrecht University	the Netherlands	Understanding the nature and accessibility of Brønsted base sites in activated hydrotalcites: Towards more efficient catalysts.	Ferry Winter(Utrecht University),Johannes H Bitter(Utrecht University),Adrianus Jos van Dillen(Utrecht University)
252	P-335	2006/7/26	Debora Fino	Politecnico di Torino	Italy	Catalytic abatement of nitrous oxide over perovskite-type oxides	Nunzio Russo(Politecnico di Torino),Guido Saracco(Politecnico di Torino),Vito Specchia(Politecnico di Torino)
253	P-122	2006/7/24	Yanyong Liu		Japan	Designing new peroxo-polyoxometalates pillared hydrotalcite catalyst for propylene epoxidation by molecular oxygen in methanol	Kazuhiwa Murata(National Institute of Advanced Industrial Science and Technology),Megumu Inaba(National Institute of Advanced Industrial Science and Technology)
255	IL-B06	2006/7/27	Feng-Shou Xiao	State Key Lab of Inorganic Synthesis and Preparative Chemistry, Jilin Univ	China	Hydrothermally Stable and Catalytically Active Mesoporous Materials	Lifeng Wang(State Key Lab of Inorganic Synthesis and Preparative Chemistry, Jilin Univ),Kaifeng Lin(State Key Lab of Inorganic Synthesis and Preparative Chemistry, Jilin Univ),Chengyang Yin(State Key Lab of Inorganic Synthesis and Preparative Chemistry, Jilin Univ),Yu Han(State Key Lab of Inorganic Synthesis and Preparative Chemistry, Jilin Univ)
256	PI-427	2006/7/27	Anil Kumar Sinha	Toyota CRDL Inc	Japan	preparation and characterization of a novel mixed mesoporous Magnesium oxide-iron oxide catalysts and adsorbent	Kenichirou Suzuki(Toyota CRDL Inc.)
257	PI-229	2006/7/25	Tomonori Kawabata	Organic Synthesis Research Laboratory, Sumitomo Chemical Co. Ltd	Japan	Liquid-phase epoxidation of propylene with hydrogen peroxide using Ti-MWW catalyst	Hiroaki Abekawa(Organic Synthesis Research Laboratory, Sumitomo Chemical Co. Ltd),Masaru Ishino(Petrochemicals Research Laboratory, Sumitomo Chemical Co. Ltd.)
258	O-B14	2006/7/25	Agnes Mastalir	University of Szeged	Hungary	Steam reforming of methanol over novel Cu/ZrO ₂ /CeO ₂ catalysts	Benjamin Frank(TU Berlin),Alexandra Szizybalski(Fritz Haber Institut der MPG, Berlin),Hary Soerijanto(Fritz Haber Institut der MPG, Berlin),Reinhard Schomacker(TU Berlin),Thorsten Ressler(Fritz Haber Institut der MPG, Berlin),Robert SCHLÖGL(Fritz Haber Institut der MPG, Berlin)
259	P-123	2006/7/24	Agnes Mastalir	University of Szeged	Hungary	Application of low-loaded Pd-hydrotalcites as catalysts for alkyne semihydrogenation	Zoltan Kiraly(University of Szeged),Imre Dekany(University of Szeged)

261	P-141	2006/7/24	Milan Hronec	Slovak University of Technology	Slovak Republic	Amination of phenol over supported palladium catalysts	Miroslav Mrzula(Slovak University of Technology, Bratislava),Piyasan Prasertthdam(Chulalongkorn University , Bangkok)
262	P-124	2006/7/24	Lanh Dang Hoang	Institute for Applied Chemistry Berlin-Adlershof, Berlin	Germany	A Comparison of Pt-Sn/ZrO ₂ and Pt-Sn/Al ₂ O ₃ Catalysts in the Dehydrogenation of n-Octane	Soliman Farrage(Institute for Applied Chemistry Berlin-Adlershof, Berlin),J. Radnik(Institute for Applied Chemistry Berlin-Adlershof, Berlin),Marga-Martina Pohl(Institute for Applied Chemistry Berlin-Adlershof, Berlin),A. Brückner(Institute for Applied Chemistry Berlin-Adlershof, Berlin),Heiner Lieske(Institute for Applied Chemistry Berlin-Adlershof, Berlin),Andreas Martin(Institute for Applied Chemistry Berlin-Adlershof, Berlin)
263	PI-201	2006/7/25	In Kyu Song	Seoul National University	Korea	Effect of hybridization of Ziegler-Natta and metallocene catalysts on the chemical composition distribution of linear low density polyethylene	Hai Woong Park(Seoul National University),Jin Suk Chung(University of Ulsan),Sung-Hyeon Baeck(Inha University)
264	P-125	2006/7/24	Dong Jin Suh	Korea Institute of Science and Technology	Korea	Characteristics of vanadia-titania aerogel oxidation catalysts	Jinsoon Choi(Ajou University),Chee Burm Shin(Ajou University),Tae-Jin Park(Korea Institute of Science and Technology)
265	P-351	2006/7/26	Dong Jin Suh	Korea Institute of Science and Technology	Korea	Synthesis of platinum-carbon aerogel catalysts for polymer electrolyte membrane fuel cells	Hyun-Joong Kim(Korea Institute of Science and Technology),Won-Il Kim(Korea Institute of Science and Technology),Tae-Jin Park(Korea Institute of Science and Technology),Tae Hoon Lim(Korea Institute of Science and Technology),Hyung-Sang Park(Sogang University)
266	O-B21	2006/7/26	Stephan Jaenicke	National University of Singapore	Singapore	Dynamic kinetic resolution combining enzyme and zeolite catalysis	Gaik-Khuan Chuah(National University of Singapore),Kam-Loon Fow(National University of Singapore)
267	P-126	2006/7/24	Nunzio Russo	Politecnico di Torino	Italy	Cobaltite perovskite catalysts for diesel soot oxidation	Debora Fino(Politecnico di Torino),Guido Saracco(Politecnico di Torino),Vito Specchia(Politecnico di Torino)
268	P-336	2006/7/26	Guido Saracco	Politecnico di Torino	Italy	Evaluation of intrinsic kinetic parameters of catalysts for diesel soot oxidation	Symelis P. Hernandez(Politecnico di Torino),Emanuele Cauda(Politecnico di Torino),Nunzio Russo(Politecnico di Torino),Debora Fino(Politecnico di Torino)

270	O-B07	2006/7/24	Christopher J. Brooks	Honda Research Institute, USA	USA	Combinatorial Methods for the Discovery of Novel Catalysts for the WGS Reaction	Alfred Hagemeyer(Symyx Technologies),Karin Yaccato(Symyx Technologies),John M Pigos(Honda Research Institute, USA),Andreas Lesik(Symyx Technologies),Howard Turner(Symyx Technologies),Anthony Volpe(Symyx Technologies),Henry Weinberg(Symyx Technologies)
271	P-172	2006/7/24	Sergio Arturo Cuevas	Centro de Investigación en Energía (UNAM)	Mexico	P1-Approximation for Modeling UV radiation absorption in an Annular Photocatalytic Reactor	Camilo Alberto Arancibia(Centro de Investigaci? en Energ? (UNAM)),Benito Serrano(Universidad Aut?oma de Zacatecas)
274	P-501	2006/7/28	Kohji OMATA	Tohoku University	Japan	Syngas detection system using color reaction for high pressure HTS reactor	Akihiro MASUDA(Tohoku University),Hidetomo ISHII(Tohoku University),Takahisa MOCHIZUKI(Tohoku University),Yuhsuke WATANABE(Tohoku University),SUTARTO SUTARTO(Tohoku University),Yasukazu KOBAYASHI(Tohoku University),Muneyoshi YAMADA(Tohoku University)
276	O-C26	2006/7/26	Hiroimi Yamashita	Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University	Japan	Application of photo-assisted deposition (PAD) method for preparation of nano-size Pt metal on Ti-containing mesoporous silica	Toshiaki Shimizu(Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University),Makoto Shimada(Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University),Tetsutaro Ohmichi(Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University),Iwao Katayama(Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University)
277	P-173	2006/7/24	Kazunari Domen	The University of Tokyo	Japan	(Ga _{1-x} Zn _x)(N _{1-x} O _x) solid solution as a photocatalyst for visible-light-driven overall water splitting	Kazuhiro Maeda(The University of Tokyo),Kentarō Teramura(The University of Tokyo),Tsuyoshi Takata(The University of Tokyo),Nobuo Saito(Nagaoka University of Technology),Yasunobu Inoue(Nagaoka University of Technology),Hisayoshi Kobayashi(Kyoto Institute of Technology)
278	P-337	2006/7/26	Basu Saha	Loughborough University	UK	Synthesis of n-hexyl acetate with ion-exchange resins as catalysts: kinetics and techno-feasibility studies	Dipesh Patel(Loughborough University),Hue Tat Ronnie Teo(Loughborough University)

279	P-338	2006/7/26	Yusaku TAKITA	Oita University	Japan	Metal phosphates effective for decomposition of nitrogen trifluoride	Yutaka HIROSE(Oita University),Katsutoshi NAGAOKA(Oita University)
280	P-352	2006/7/26	Yoshihiro Kawamura	Casio Computer Co., Ltd.	Japan	Hydrogen production by oxidative methanol reforming with hydrogen peroxide	Wataru Tezuka(Kogakuin University),Akira Igarashi(Kogakuin University)
281	P-142	2006/7/24	Yoshihiro Sugi	Faculty of Engineering, Gifu University	Japan	Pyridine Carboimine-Derived Pd complex Immobilized on Mesoporous Silica as Catalysts for Sonogashira Cross-Coupling Reaction	Kenichi Komura(Faculty of Engineering, Gifu University),HIDEKI Nakamura(Faculty of Engineering, Gifu University)
282	PI-207	2006/7/25	Il Kim	Pusan National University	Korea	Polymerization of 1,3-butadiene with nickel(II) alpha-diimine complexes combined with ethylaluminum sesquichloride	Jae Sung Kim(Pusan National University),Deepak Chandran(Pusan National University),Dae-Won Park(Pusan National University),Chang-Sik Ha(Pusan National University)
283	PI-211	2006/7/25	Il Kim	Pusan National University	Korea	Ethylene oligomerization by structure modulated phenoxy-imine Ni(II) catalysts	Sinoj Abraham(Pusan National University),Bijal K(Pusan National University),Chang Hun Kwak(Pusan National University),Dae-Won Park(Pusan National University),Chang-Sik Ha(Pusan National University)
284	O-C09	2006/7/25	Stéphanie Delsarte	Universit Catholique de Louvain, Unit de catalyse et chimie des matériaux divisés	Belgium	Butan-1-ol dehydration and dehydrogenation over vanadium aluminium oxynitride catalysts	Mihaela Florea(University of Bucharest, Faculty of chemistry),Hugues Wiame(Université catholique de Louvain, Catalyse et chimie des matériaux divisés),Elisabeth van Keulen(Université catholique de Louvain, Catalyse et chimie des matériaux divisés),Paul Grange(Université catholique de Louvain, Catalyse et chimie des matériaux divisés)
285	P-302	2006/7/26	Stéphanie Delsarte	Universit Catholique de Louvain, Unit de catalyse et chimie des matériaux divisés	Belgium	Liquid phase aldol condensation of cyclopentanone with valeraldehyde catalyzed by oxynitrides possessing tuneable acid-base properties	Moez Hasni(Universit catholique de Louvain, Catalyse et chimie des Matériaux Divisés),Gwenola Prado(Universit catholique de Louvain, Catalyse et chimie des Matériaux Divisés),Jean Rouchaud(Universit catholique de Louvain, Catalyse et chimie des Matériaux Divisés),Paul Grange(Universit catholique de Louvain, Catalyse et chimie des Matériaux Divisés),Michel Devillers(Universit catholique de Louvain, Unit de chimie des Matériaux inorganiques et organiques)
286	O-B02	2006/7/24	Shuichi Naito	Department of Applied Chemistry, Kanagawa University	Japan	Novel active sites for selective methanol formation in the CO-H ₂ reaction over Rh filled TiO ₂ nanocapsule catalysts	Yoshiyuki Numao(Department of Applied Chemistry, Kanagawa University),Yuka Ishimaru(Department of Applied Chemistry, Kanagawa University),Toshihiro Miyao(Department of Applied Chemistry, Kanagawa University)

287	P-127	2006/7/24	Agnes Mastalir	University of Szeged, Department of Organic Chemistry	Hungary	Preparation and characterization of novel Pd- MCM-41 catalysts	Bulcsu RAC(University of Szeged, Department of Organic Chemistry),Zoltan KIRALY(University of Szeged, Department of Colloid Chemistry),Arpad MOLNAR(University of Szeged, Department of Organic Chemistry)
289	P-143	2006/7/24	David Jackson	University of Glasgow	UK	Molecular Unit Processes in the Synthesis of Methyl IsoButyl Ketone	Joe Gamman(University of Glasgow),Fiona Wigzell(University of Glasgow)
290	O-C06	2006/7/25	David Jackson	University of Glasgow	UK	Strong base catalysts for fine chemical synthesis: relating reaction energetics to base strength.	Arran S Canning(University of Glasgow),Eilidh McLeod(University of Glasgow),Gemma M Parker(University of Glasgow)
291	O-B19	2006/7/26	Kenji Michiue	Catalysis Science Laboratory, Mitsui Chemicals, Inc.	Japan	Unusual olefin polymerization behavior of titanium catalysts containing indenyl-phenoxy ligands	Mitsuhiko Onda(Mitsui Chemical Analysis and Consulting Service, Inc.),Toshiyuki Oshiki(Division of Chemistry and Biochemistry, Graduate School of Natural Science and Technology, Okayama University),Makoto Mitani(Catalysis Science Laboratory, Mitsui Chemicals, Inc.),Terunori Fujita(Catalysis Science Laboratory, Mitsui Chemicals, Inc.)
292	P-339	2006/7/26	Shuichi Naito	Department of Applied Chemistry, Faculty of Engineering, Kanagawa University	Japan	Marked addition effect of Indium and Lead upon the NO-CO and N2O-CO Reaction over Pd/SiO2 catalysts.	Takashi Hirano(Department of Applied Chemistry, Faculty of Engineering, Kanagawa University),Toshihiro Miyao(Department of Applied Chemistry, Faculty of Engineering, Kanagawa University)
293	P-542	2006/7/28	Shuichi Naito	Department of Applied Chemistry, Faculty of Engineering, Kanagawa University	Japan	Highly Active and Selective Pt-Mo/TiO2 Catalyst for Liquid Phase Reforming of Methanol with Water	Toshihiro Miyao(Department of Applied Chemistry, Faculty of Engineering, Kanagawa University),Hisashi Kikuchi(Department of Applied Chemistry, Faculty of Engineering, Kanagawa University)
294	P-508	2006/7/28	Kubo Momiji	Department of Applied Chemistry, Graduate School of Engineering, Tohoku University	Japan	Development of New Kinetic Monte Carlo Simulator for Micro Meter-Scale Simulation of Catalyst Sintering Process and Its Application	Ryota Ishimoto(Department of Applied Chemistry, Graduate School of Engineering, Tohoku University),Changho Jung(Department of Applied Chemistry, Graduate School of Engineering, Tohoku University),Hideyuki Tsuboi(Department of Applied Chemistry, Graduate School of Engineering, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Graduate School of Engineering, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Carlos A. Del Carpio(Department of Applied Chemistry, Graduate School of Engineering, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University)

295	P-128	2006/7/24	Son-Ki Ihm	KAIST	KOREA	Synthesis and Application of Mesoporous SBA-15 having Macropores induced by Colloidal Crystal Templating	Ji-Sun Yun(KAIST),Kwang-Eun Jeong(KAIST),Joo-Il Park(KAIST)
296	IO-A01	2006/7/25	David Jackson		UK	Stereoselective synthesis of alicyclic amines.	David J.M. Williams(University of Glasgow),Kristoffer F Graham(University of Glasgow),Kenneth T Hindle(University of Glasgow),Stefan Wuttke(University of Glasgow)
297	P-144	2006/7/24	Chris Hardacre	Queen's University, Belfast	UK	Multistep synthesis of Fenpropimorph using an Ionic Liquid solvent.	Stewart Forsyth(Queen's University, Belfast),Nimal Gunaratne(Queen's University, Belfast),Angela McKeown(Queen's University, Belfast),David W. Rooney(Queen's University, Belfast)
298	O-B03	2006/7/24	Martin Lok	Johnson Matthey Catalysts	United Kingdom	Imaging Promoter Atoms in Cobalt Fischer-Tropsch Catalysts using SuperSTEM Microscopy	Mervyn Shannon(ICI Measurement Science Group),John Casci(Johnson Matthey Catalysts)
299	O-B06	2006/7/24	Chris Hardacre	Queen's University Belfast	UK	Identification of the nature of the active form of gold in Au/ZrCeO4 low temperature Water Gas Shift catalysts	Alvaro Amieiro Foncesca(Johnson Matthey),Robbie Burch(Queen's University Belfast),Ying Chen(Queen's University Belfast),Janet Fisher(Johnson Matthey),Alex Goguet(Queen's University Belfast),Peijun Hu(Queen's University Belfast),Dave Thompsett(Johnson Matthey),Daniele Tibiletti(Queen's University Belfast)
300	P-174	2006/7/24	Shetian Liu	Ishikawajima-Harima Heavy Industries Co., Ltd.	Japan	Sol-gel synthesis of InTaO4 photocatalyst for overall water splitting	Kenji Fuchigami(Ishikawajima-Harima Heavy Industries Co., Ltd.),Haruki Eguchi(Ishikawajima-Harima Heavy Industries Co., Ltd.)
301	O-C08	2006/7/25	Michikazu Hara	Chemical Resources Laboratory, Tokyo Institute of Technology	Japan	Incomplete carbon materials as strong Brønsted acids	Atsushi Takagaki(Chemical Resources Laboratory, Tokyo Institute of Technology),Mai Okamura(Chemical Resources Laboratory, Tokyo Institute of Technology),Masakazu Toda(Chemical Resources Laboratory, Tokyo Institute of Technology),Junko N. Kondo(Chemical Resources Laboratory, Tokyo Institute of Technology),Shigenobu Hayashi(Research Institute of Instrumentation Frontier, National Institute of Advanced Industrial Science and Technology),Kazunari Domen(Department of Chemical System Engineering, School of Engineering, The University of Tokyo),Takashi Tatsumi(Chemical Resources Laboratory, Tokyo Institute of Technology)

302	P-340	2006/7/26	Takehiro Chaki	SETEC Inc.	Japan	Catalytic reduction of N ₂ O by various hydrocarbons over Fe-ZSM-5	Masahiko Arai(Division of Chemical Process Engineering, Graduate School of Engineering, Hokkaido University),Kantaro Kaneko(Division of Chemical Process Engineering, Graduate School of Engineering, Hokkaido University),Masahide Shimokawabe(Division of Chemical Process Engineering, Graduate School of Engineering, Hokkaido University)
303	P-341	2006/7/26	Masashi Taniguchi	Daihatsu Motor Co., LTD.	Japan	Innovations in intelligent catalysts: self-regeneration of Rh- and Pt- perovskite catalysts for automotive-emission control	Hirohisa Tanaka(Daihatsu Motor Co., LTD.),Mari Uenishi(Daihatsu Motor Co., LTD.),Isao Tan(Daihatsu Motor Co., LTD.),Mareo Kimura(Cataler Corporation),Yasuo Nishihata(Japan Atomic Energy Research Institute),Junichiro Mizuki(Japan Atomic Energy Research Institute)
304	P-543	2006/7/28	Megumu Inaba	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Bio-ethanol conversion to olefins and BTX over zeolite catalysts	Kazuhisa Murata(National Institute of Advanced Industrial Science and Technology (AIST)),Masahiro Saito(National Institute of Advanced Industrial Science and Technology (AIST)),Isao Takahara(National Institute of Advanced Industrial Science and Technology (AIST))
305	PI-224	2006/7/25	Katsuyuki Tsuji	Showa Denko K.K.	Japan	Silica-supported heteropoly acid catalyst for newly developed ethyl acetate production process	Yoshimi Yamamoto>Showa Denko K.K.),Shigeru Hatanaka>Showa Denko K.K.),Hiroshi Uchida>Showa Denko K.K.)
306	P-414	2006/7/27	Yasuo Izumi	Tokyo Institute of Technology	Japan	Preparation of vanadium catalysts on titania and in mesoporous titania and monitoring of vanadium site transformations during selective oxidation reaction	Fumitaka Kiyotaki(Tokyo Institute of Technology),Dilshad Masih(Tokyo Institute of Technology),Ken-ichi Aika(Tokyo Institute of Technology),Hideaki Yoshitake(Yokohama National University),Takashi Tatsumi(Yokohama National University (Tokyo Institute of Technology)),Sei Fukushima(National Institute for Research in Inorganic Materials),Yasuhiro Iwasawa(University of Tokyo)
307	P-342	2006/7/26	Masahide Shimokawabe	Hokkaido University	Japan	Effect of O ₂ on the activity of Ir/WO ₃ for the selective reduction of NO by CO in the presence of SO ₂	Hironori Inomata(Hokkaido University),Mihiro Niitsu(Hokkaido University),Nobuhiro Iwasa(Hokkaido University),Masahiko Arai(Hokkaido University)
308	PI-428	2006/7/27	Ryoji Kuma	Catalyst Research Laboratory, Nippon Shokubai Co., Ltd.,	Japan	Influence of physico-chemical characteristics of support on selective catalytic reduction of NO by NH ₃ and SO ₂ oxidation over V ₂ O ₅ /TiO ₂ -SiO ₂	Motonobu Kobayashi(Catalyst Research Laboratory, Nippon Shokubai Co., Ltd.),Sinyuki Masaki(Catalyst Research Laboratory, Nippon Shokubai Co., Ltd.),Noboru Sugishima(Catalyst Research Laboratory, Nippon Shokubai Co., Ltd.)
309	O-C38	2006/7/28	Son-Ki Ihm	Korea Advanced Institute of Science and Technology	Korea	Platinum catalysts supported on hydrothermally stable mesoporous aluminosilicate for the selective catalytic reduction of lean NO _x with hydrocarbon	Kwang-Eun Jeong(Korea Advanced Institute of Science and Technology),Se-Won Baek(Research Park, LG Chemical LTD),Joo-II Park(Korea Advanced Institute of Science and Technology)

311	P-129	2006/7/24	Son-Ki Ihm	KAIST	Korea	Redox characteristics of ceria-zirconia mixed oxides prepared by continuous hydrothermal synthesis in supercritical water	Jeong-Rang Kim(KAIST),Wan-Jae Myeong(Hanwha Chemical Corporation)
312	PI-203	2006/7/25	Jin Suk Chung	University of Ulsan	Korea	Ethylene/1-hexene copolymerization to Linear Low Density Polyethylenes using embedded Et[Ind]2ZrCl2 catalyst	Dong Min Shin(University of Ulsan),Gi Bae Moon(University of Ulsan),Eun Woo Shin(University of Ulsan)
313	P-343	2006/7/26	Son Ki Ihm	KAIST	Republic of Korea	Characteristics of transition metal oxide catalysts supported on CeO2-ZrO2 mixed oxide for catalytic wet air oxidation of p-chlorophenol	Kyoung Hun Kim(KAIST),Jeong Rang Kim(KAIST),Wan Jae Myeong(Hanwha Chemical Corporation)
314	O-C41	2006/7/28	John Paul Breen	Queens University Belfast	UK	An in situ DRIFTS and EXAFS investigation of the roles of sulphur, hydrogen and hydrocarbons in determining the efficiency Ag/Al2O3 catalysts for the SCR of NOx	Robbie Burch(Queens University Belfast),Chris Hardacre(Queens University Belfast),Chris J Hill(Queens University Belfast)
315	O-C03	2006/7/24	Dmitry Murzin	Abo Akademi University	Finland	Probing surface coverage by in situ catalyst potential measurements	Anton Tokarev(Abo Akademi University),Kari Eranen(Abo Akademi University),Elena Murzina(Abo Akademi University)
316	P-110	2006/7/24	Akinobu Shiga		Japan	Theoretical study on alcohol oxidation with Mo(O)Br4/H2O2 by Paired Interacting Orbitals(PIO) analysis	Yasuhiko Kurusu(Sophia Univ., Faculty of Sci. and Tech.)
318	P-502	2006/7/28	King Lun Yeung	Department of Chemical Engineering, The Hong Kong University of Science and Technology	China	The performance and application of zeolite membrane microreactor	Wai Ngar Lau(Department of Chemical Engineering, The Hong Kong University of Science and Technology),Xiongf Zhang(Department of Chemical Engineering, The Hong Kong University of Science and Technology),Rosa Martin-Aranda(Departamento de Quimica Inorganica y Quimica Technica, Universidad Nacional de Educacion a Distancia)
319	P-442	2006/7/27	Yutaka Amao	Oita University	Japan	Biohydrogen Production from Maltose using the Visible Light-sensitization of Mg Chlorophyll-a from Spirulina	Noriko Himeshima(Oita University)

320	P-101	2006/7/24	Dmitry Murzin	Abo Akademi University	Finland	Mechanism of ligand acceleration in heterogeneous asymmetric catalysis	Esa Toukoniitty(Abo Akademi University)
321	IO-A19	2006/7/27	Richard Holliday	World Gold Council	UK	Recent developments in the industrial application of gold catalysts	Christopher Corti(World Gold Council),David Thompson(Project AuTEK, Mintek (consultant)),Elma van der Lingen(Project AuTEK, Mintek)
322	P-159	2006/7/24	Sholpan Itkulova	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	EFFECT OF WATER ON CH ₄ -CO ₂ CONVERSION OVER Co-CONTAINING SUPPORTED CATALYSTS	Gaukhar Zakumbaeva(Institute of Organic Catalysis and Electrochemistry)
323	PI-404	2006/7/27	Tetsuya Fukunaga	Central Research Laboratories, Idemitsu Kosan Co., Ltd.	Japan	Development of DME steam reforming catalyst for fuel cell application	Naonori Ryumon(Central Research Laboratories,Idemitsu Kosan Co., Ltd.)
324	P-102	2006/7/24	Fei-lung Wang	Department of Applied Chemistry, Providence University	Taiwan	Catalytic synthesis of methyl formate from methanol over activated-carbon fibers-supported copper (II) complexes	
325	PI-222	2006/7/25	Hongling Chen	Institute of Chemistry and Chemical Engineering, Nanjing University of Technology	China	Studies on the Preparation and Performances of TiO ₂ Supports	Ke Wang(Institute of Chemistry and Chemical Engineering, Nanjing University of Technology),Zhiqiang An(Institute of Chemistry and Chemical Engineering, Nanjing University of Technology)
328	P-344	2006/7/26	Seong Ihl Woo	Korea Advanced Institute of Science and Technology	Korea	Significant promoting effect of CeO ₂ on the activity of Sn/Al ₂ O ₃ catalyst for the selective reduction of NO _x by propene	Zhi Ming Liu(Korea Advanced Institute of Science and Technology),Kwang Seok Oh(Korea Advanced Institute of Science and Technology)
330	IO-A16	2006/7/26	Stephen J. Miller	Chevron Energy Technology Company	USA	ZeolitePlus: A New Technology for Zeolite Manufacture	
331	O-B11	2006/7/25	Eun Duck PARK	Ajou University	Republic of Korea	Preferential CO oxidation over supported Pt catalysts promoted with transition metals	Eun-Yong Ko(Ajou University),Hyun Chul Lee(Samsung Advanced Institute of Technology (SAIT)),Doohwan Lee(Samsung Advanced Institute of Technology (SAIT)),Soonho Kim(Samsung Advanced Institute of Technology (SAIT))

332	O-A14	2006/7/28	Noritatsu Tsubaki	University of Toyama	Japan	Development of bimodal cobalt catalysts for Fischer-Tropsch synthesis	Yi Zhang(University of Toyama)
333	P-353	2006/7/26	Seong Ihl Woo	Department of Chemical and Biomolecular Engineering and Center for Ultramicrochemical Process Systems, Korea Advanced Institute of Science and Technology	South Korea	Poisoning effect of SO ₂ on the catalytic activity of Au/TiO ₂ investigated with XPS and in situ FTIR	Myoung Rae Kim(Department of Chemical and Biomolecular Engineering, Korea Advanced Institute of Science and Technology)
335	P-354	2006/7/26	Linsheng Wang	National Institute of Advanced Industrial Science and Technology	Japan	Development of the new-generation bimetallic catalysts for oxidative steam reforming of gasoline to produce hydrogen for PEMFC applications	Kazuhisa Murata(National Institute of Advanced Industrial Science and Technology),Megumu Inaba(National Institute of Advanced Industrial Science and Technology)
336	PI-405	2006/7/27	Tsunenori Watanabe	The Kansai Electric Power Co., Inc Power Engineering R and D Center	Japan	The characteristics of steam-reforming catalyst for DME-fueled Chemically Recuperated Gas Turbine	Takao Nakagaki(Toshiba Corporation, Power and Industrial Systems R and D Center)
337	O-A08	2006/7/24	Masayuki Shirai	Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology	Japan	Hydrogenation of Aromatic Compounds over Supported Transition Metal Catalysts under Supercritical Carbon Dioxide Solvent	Chandrashekar V. Rode(Homogeneous Catalysis Division, National Chemical Laboratory),Osamu Sato(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology),Norihito Hiyoshi(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology)
338	P-111	2006/7/24	Chandrashekar V. Rode	National Chemical Laboratory,	India	MONTMORILLONITE INTERCALATED COBALT COMPLEXES FOR LIQUID PHASE OXIDATION OF p-CRESOL TO p-HYDROXYBENZALDEHYDE	Vikas S. Kshirsagar(National Chemical Laboratory),Jayprakash M. Nadgeri(National Chemical Laboratory),Masayuki Shirai(National Institute of Advanced Industrial Science and Technology, 4-2-1, Nigatake, Miyagino, Sendai, 983-8551, Japan)
339	PI-401	2006/7/27	Tokuo Matsuzaki	Ube Laboratory, Ube Industries Ltd.	Japan	Catalytic properties of nickel aluminate spinel on hydrocarbon reforming	Yasunori Fukuda(Ube Laboratory, Ube Industries Ltd.),Osamu Yamasaki(Ube Laboratory, Ube Industries Ltd.)
340	P-345	2006/7/26	Yasuaki Okamoto	Shimane University, Department of Material Science	Japan	Thermal Stability of Al ₂ O ₃ -, SiO ₂ -, and B/Al ₂ O ₃ -supported Co-Mo-S Active Sites	Usman Usman(Shimane University, Department of Material Science),Takeshi Kubota

341	P-308	2006/7/26	Hiroaki Munakata	Graduate School of Engineering, Tohoku University	Japan	Theoretical Studies on the Reaction Mechanisms for Heck Olefin Arylation Catalyzed by Cationic Palladium Complexes	Rado Rahrntsalama(Graduate School of Engineering, Tohoku University),Michihisa Koyama(Graduate School of Engineering, Tohoku University),Momoji Kubo(Graduate School of Engineering, Tohoku University),Akira Miyamoto(Graduate School of Engineering, Tohoku University)
342	PI-238	2006/7/25	Ralf Mayer	Degussa AG	Germany	Development of commercial heterogeneous catalysts by means of high-throughput preparation and screening	Klaus Schimmer(Degussa AG),U. Rodemerck(Institute for Applied Chemistry Berlin-Adlershof),M. Stoyanova(Institute for Applied Chemistry Berlin-Adlershof),Uwe Dingerdissen(Institute for Applied Chemistry Berlin-Adlershof),Thomas Tacke(Degussa AG)
343	PI-429	2006/7/27	Hironobu Ono	Catalyst Research Center, NIPPON SHOKUBAI CO., LTD.	Japan	Development of the NO ₂ adsorbent for a low NO ₂ concentration gas	Hisao Kondo(Catalyst Research Center, NIPPON SHOKUBAI CO., LTD.),Koichi Yamamoto(Catalyst Research Center, NIPPON SHOKUBAI CO., LTD.),Shinyuki Masaki(Catalyst Research Center, NIPPON SHOKUBAI CO., LTD.)
350	PI-218	2006/7/25	Dorit Wolf	DEGUSSA AG	Germany	Rapid Identification of Suitable Pd-Catalysts for Debenzylation of Substrates with Diverse Structures	Konrad Möbus(DEGUSSA AG),Steffen Seebald(DEGUSSA G),Thomas Tacke(DEGUSSA AG)
351	P-346	2006/7/26	Xuhong Mu	Research Institute of Petroleum Processing, SINOPEC.	P. R. China	Adsorptive desulfurization using amorphous nickel alloy adsorbents	Xiaoxin Zhang(Research Institute of Petroleum Processing, SINOPEC.),Xiangkun Meng(Research Institute of Petroleum Processing, SINOPEC.),Baoning Zong(Research Institute of Petroleum Processing, SINOPEC.)
352	P-545	2006/7/28	Noritatsu Tsubaki	University of Toyama	Japan	In-situ DRIFT Study on Mechanism of a New Low-Temperature Methanol Synthesis	Ruiqin Yang(University of Toyama),Yi Zhang(University of Toyama)
353	O-B05	2006/7/24	Hajime Iida	Kogakuin University	Japan	Catalytic activities and properties of Pt-Re/TiO ₂ catalysts prepared from various Pt precursor for low-temperature water gas shift reaction	Masahiro Someya(Kogakuin University),Kentaro Kondo(Kogakuin University),Akira Igarashi(Kogakuin University)
354	P-175	2006/7/24	Nikos Miltiadis Spanos	University	Greece	Acid-base properties of the anatase surface in contact with electrolyte solutions	Kyriaki Konstantinos Skartsila(University)
355	O-C21	2006/7/26	Russell Francis Howe		United Kingdom	Semiconductor Oxide Photocatalysis for Organic Synthesis	John Storey(University of Aberdeen),Neil Grant(University of Aberdeen)

356	P-535	2006/7/28	Isao Takahara	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Dehydration of ethanol into ethylene over solid acid catalysts	Masahiro Saito(National Institute of Advanced Industrial Science and Technology (AIST)),Megumu Inaba(National Institute of Advanced Industrial Science and Technology (AIST)),Kazuhisa Murata(National Institute of Advanced Industrial Science and
357	O-C20	2006/7/26	Masato Takeuchi	Osaka Prefecture University	Japan	Investigation on the photo-induced hydrophilic properties of TiO ₂ surface by near infrared spectroscopy	Gianmario Martra(Universita di Torino),Salvatore Coluccia(Universita di Torino),Masakazu Anpo(Osaka Prefecture University)
358	O-C22	2006/7/26	Shinji Iwamoto	Kyoto University	Japan	Photocatalytic Activity of Nanocrystalline Silica-modified Titanias Prepared by the Glycothermal Method	Hirota Ozaki(Kyoto University),Kazuko Saito(Kyoto University),Masashi Inoue(Kyoto University)
359	P-151	2006/7/24	Torbjørn Gjervan	SINTEF Materials and Chemistry	Norway	Influence of drying and reduction temperature on the degree of Pt-Re alloy formation and metal particle size on reforming catalysts	Anders Holmen(Norwegian University of Science and Technology),Bård Tøtdal(Norwegian University of Science and Technology),Charles Lyman(Lehigh University),Rune Prestvik(Statoil Research Center)
360	P-347	2006/7/26	Pascal Granger	University of Lille - Laboratoire de Catalyse	France	Peculiar catalytic properties of supported palladium catalysts over perovskite materials : kinetic and spectroscopic aspects	Ivan Twagirashema(University of Lille - Laboratoire de Catalyse),Christophe Dujardin(University of Lille - Laboratoire de Catalyse),Fabien Dhainaut(University of Lille - Laboratoire de Catalyse),Stan Pietrzik(University of Lille - Laboratoire de Catalyse)
361	O-B23	2006/7/26	Gary L. Haller	Yale University	USA	Formation of size controllable sub-nanometer metallic clusters by pore radius of curvature effect and the stability explained by anchoring/occlusion effect	Sangyun Lim(Yale University),Lisa D. Pfefferle(Yale University)
363	PI-210	2006/7/25	Seiji ODA	Organic synthesis research laboratory, Sumitomo chemical Co., Ltd	Japan	Oligomerization of Ethylene Catalyzed by Palladium Complex Containing P-N Ligand	Kazunori IWAKURA(Organic synthesis research laboratory, Sumitomo chemical Co., Ltd)
364	IO-A13	2006/7/26	Kazuhiko Hagiwara	Cosmo Oil Co., Ltd.	Japan	Formation of Co-Mo-S phase on sulfided Co-Mo/Al ₂ O ₃ catalyst -Investigation by ¹²⁹ XeNMR-	Takeshi Ebihara(Cosmo Oil Co., Ltd.),Nobuaki Urasato(Cosmo Oil Co., Ltd.),Takashi Fujikawa(Cosmo Oil Co., Ltd.)
365	O-B18	2006/7/26	Kotohiro Nomura	Graduate School of Materials Science, Nara Institute of Science and Technology	Japan	Design, Synthesis of (Arylimido)vanadium(V) Complex Catalysts for Precise Olefin Polymerization	Junji Yamada(Graduate School of Materials Science, Nara Institute of Science and Technology),Wei Wang(Graduate School of Materials Science, Nara Institute of Science and Technology)

366	P-348	2006/7/26	Tadahiro Fujitani	National Institute of Advanced Industrial Science and Technology	Japan	Reaction properties of SO ₂ on the Ir(111) and Rh(111) surfaces	Isao Nakamura(National Institute of Advanced Industrial Science and Technology),Masaaki Haneda(National Institute of Advanced Industrial Science and Technology),Hideaki Hamada(National Institute of Advanced Industrial Science and Technology)
367	P-112	2006/7/24	Chikashi Egawa	Utsunomiya University	Japan	Methanol partial oxidation on Cu-Zn films grown on Ni(100) surface	Hidekazu Iwai(Utsunomiya University),Tomoyuki Umeki(Utsunomiya University),Mutsuhiro Yokomatsu(Utsunomiya University)
368	PI-413	2006/7/27	Yuji Mishima	Technical Laboratory, Sud-Chemie Catalysts Japan, Inc.	Japan	Dehydrogenation Catalyst Development for Styrene Monomer Manufacturing	Kazuhiko Shinyama(Petrochemical Catalyst Division, Sud-Chemie Catalyst Japan, Inc.),Nobuaki Kodakari(Technical group, Sud-Chemie Catalyst Japan, Inc.),Tomoyuki Takenaka(Petrochemical Catalyst Division, Sud-Chemie Catalyst Japan, Inc.)
369	PI-414	2006/7/27	Muneyoshi Yamada	Tohoku University	Japan	Synergistically promoting effects of CyDTA and boric acid on the hydrodesulfurization activity of NiW sulfide catalyst for 4,6-dimethyldibenzothiophene	Naoto Koizumi(Tohoku University),Kentaro Hata(Tohoku University),Akira Nishina(Tohoku University)
370	P-177	2006/7/24	Yoshihisa Sakata	Faculty of Engineering, Yamaguchi University	Japan	Photocatalytic Property of Ba-Ta Mixed Oxide to the Decomposition of H ₂ O into H ₂ and O ₂	Harumi Otsuka(Faculty of Engineering, Yamaguchi University),Keisuke Matsumoto(Faculty of Engineering, Yamaguchi University),Hiroataka Fujimori(Faculty of Engineering, Yamaguchi University),Hayao Imamura(Faculty of Engineering, Yamaguchi University),Takako Matsumoto(Graduate School of Science and Technology, Niigata University),Kenji Toda(Graduate School of Science and Technology, Niigata University)
371	P-160	2006/7/24	Katsutoshi NAGAOKA	Oita University	Japan	Autothermal reforming of methane over Ni/(Metal phosphate)	Katsutoshi NAGAOKA(Oita University),Toshikazu EIRAKU(Oita University),Hiroyasu NISHIGUCHI(Oita University),Yusaku TAKITA(Oita University)
372	PI-204	2006/7/25	Hideki Kurokawa	Saitama University	Japan	Ethylene polymerization using group IV metallocene supported on cation-exchanged montmorillonite as activator	Hiroshi Miura(Saitama University),Tomokazu Takahashi(Saitama University),Kenji Fujii(Saitama University),Masa-aki Ohshima(Saitama University)
373	P-355	2006/7/26	Katsutoshi NAGAOKA	Oita University	Japan	Autothermal reforming of n-C ₄ H ₁₀ over Ni/MgO and Co/MgO at low temperature	Katsutoshi SATO(Oita University),Katsutoshi NAGAOKA(Oita University),Hiroyasu NISHIGUCHI(Oita University),Yusaku TAKITA(Oita University)
374	IO-A03	2006/7/25	Benoit Pugin	Solvias AG	Switzerland	Modularity in New Chiral Ferrocenyl-Based Ligands for Enantioselective Hydrogenation - from Concepts to Production Scale Applications	

375	O-B17	2006/7/25	K Seshan	University of Twente	The Netherlands	Bifunctional catalysis for the steam reforming of acetic acid over supported Pt catalysts	Kazuhiro Takanabe(Tokyo Institute of Technology),Ken-ichi Aika(Tokyo Institute of Technology),Leon Lefferts(University of Twente)
379	PI-209	2006/7/25	Yasuhiro Tanaka	UBE Industries, Ltd.	Japan	New External Donor for High Hydrogen Response on Propylene Polymerization and Theoretical Study on Its Hydrogen Responsibility	Hiroshi Sato(UBE Industries, Ltd.),Harunori Fujita(UBE Industries, Ltd.)
380	P-162	2006/7/24	Sakae Takenaka	Kyushu University	Japan	Catalytic performance of silica-coated Ni metal for the partial oxidation of methane into synthesis gas	Hiroshi Umebayashi(Kyushu University),Hideki Matsune(Kyushu University),Masahiro Kishida(Kyushu University)
381	P-536	2006/7/28	Masaki Okamoto	Tokyo Institute of Technology	Japan	Benzaldehyde hydrogenation over Pd/SiO ₂ modified with poly(ethylene glycol)	Tomoyuki Hirao(Tokyo Institute of Technology)
382	P-303	2006/7/26	Satoshi Sato	Chiba university	Japan	Dehydration of 1,5-pentanediol into 4-penten-1-ol over ZrO ₂ catalyst	Eiji Kaneko(Chiba university),Hiroto Inoue(Chiba university),Naoki Yamamoto(Chiba university),Ryoji Takahashi(Chiba university),Toshiaki Sodesawa(Chiba university)
384	P-130	2006/7/24	Michaël ISA	Tsai lab - IMRAM - Tohoku University	Japan	Spontaneous nanostructuring of gold alloys in air: new way of synthesis of nanosized oxides-gold catalysts.	Jean-Christophe VALMALETTE(L2MP - University of Toulon-Var, France),Satoshi KAMEOKA(Tsai lab - IMRAM - Tohoku University),Jean-Pierre DALLAS(L2MP - University of Toulon-Var, France),An-Pang TSAI(Tsai lab - IMRAM - Tohoku University)
385	P-178	2006/7/24	Ningzhong BAO	Department of Chemical System Engineering, The University of Tokyo	Japan	Surfactant-Assisted Synthesis of Cadmium Sulfide Nanoparticles for the Photocatalytic Hydrogen Production	Liming SHEN(Department of Chemical System Engineering, The University of Tokyo),Tsuyoshi Takata(Department of Chemical System Engineering, The University of Tokyo),Kazunari Domen(Department of Chemical System Engineering, The University of Tokyo)
386	O-B10	2006/7/25	Choji Fukuhara	Hachinohe Institute of Technology	Japan	Preparation of Plate-Type Pd-ZnO Catalyst by Electroless Plating on an Aluminum Plate, for Steam Reforming of Methanol	Yoshiyuki Kamata(Hachinohe Institute of Technology),Akira Igarashi(Kogakuin University)

387	O-B40	2006/7/28	Mizuki Tada	Department of Chemistry, Graduate School of Science, The University of Tokyo	Japan	NH ₃ -Promoted Direct Phenyl Synthesis from Benzene with Molecular Oxygen on N-Interstitial Re ₁₀ -Cluster/Zeolite Catalysts	Rajaram Bal(Department of Chemistry, Graduate School of Science, The University of Tokyo),Takehiko Sasaki(Department of Complexity Science and Engineering, Graduate School of Frontier Sciences, The University of Tokyo),Yasuhiro Iwasawa(Department of Chemistry, Graduate School of Science, The University of Tokyo)
389	P-179	2006/7/24	Yuichiro Kawaguchi	Kyushu University	Japan	Design of highly active photocatalytic degradation reaction of the organic pollutants by using the inorganic salts	Makoto Makita(Kyushu University),Akira Harata(Kyushu University)
390	P-180	2006/7/24	Makoto Makita	Kyushu University	Japan	The effects of the inorganic anion in aqueous solutions on photocatalytic degradation of rhodamine B	Akira Harata(Kyushu University)
393	P-423	2006/7/27	Noriyasu Okazaki	Kitami Institute of Technology	Japan	Selective catalytic reduction of NO with dimethyl ether in excess oxygen over commercial alumina catalysts	Akio Tada(Kitami Institute of Technology),Yasuo Miyoshi(JFE Research and Development Corporation),Katsuhiko Takagi(JFE Research and Development Corporation)
394	PI-430	2006/7/27	Haruo Imagawa	Toyota Central Research and Development Labs., Inc.	Japan	Nano-composite of Al ₂ O ₃ and ZrO ₂ -TiO ₂ solid solution as a support for NO _x storage-reduction catalyst	Toshiyuki Tanaka(Toyota Central Research and Development Labs., Inc.),Naoki Takahashi(Toyota Central Research and Development Labs., Inc.),Shin'ichi Matsunaga (Toyota Central Research and Development Labs., Inc.),Hirofumi Shinjoh(Toyota Central Research and Development Labs., Inc.)
395	P-356	2006/7/26	Michihisa Koyama	Department of Applied Chemistry, Tohoku University	Japan	Computational Study on Anodic Characteristics of Solid Oxide Fuel Cell Based on a Three-Dimensional Model of Porous Electrode	Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momiji Kubo(Department of Applied Chemistry, Tohoku University/ PRESTO, Japan Science and Technology Agency),Carlos A. Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University/Department of Applied Chemistry, Tohoku University)
396	P-163	2006/7/24	Takehisa Mochizuki	Department of Applied Chemistry, Graduate school of Engineering, Tohoku University	Japan	Novel preparation method of Co/SiO ₂ catalyst for Fischer-Tropsch synthesis reaction using chelating agents	Takeshi Hara(Department of Applied Chemistry, Graduate school of Engineering, Tohoku University),Naoto Koizumi(Department of Applied Chemistry, Graduate school of Engineering, Tohoku University),Hai Chang(Department of Applied Chemistry, Graduate school of Engineering, Tohoku University),Muneyoshi Yamada(Department of Applied Chemistry, Graduate school of Engineering, Tohoku University)

397	O-C32	2006/7/27	Rajiv Kumar Chaturvedi	National Chemical Laboratory	India	Selective Hydrogenation of Carbonyl Compounds by Transition Metal Complexes	Amit Arvind Deshmukh(National Chemical Laboratory),Anirban Ghosh(National Chemical Laboratory)
398	P-503	2006/7/28	Tomoya Inoue	Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Application of Palladium Membrane for Process Intensification of Hydrogen-related Reactions	Yusuke Tanaka(Graduate School of Science, Tohoku University),Alfredo Pacheco Tanaka(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Toshishige Suzuki(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Koichi Sato(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Masateru Nishioka(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Kiyoshi Kobayashi(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Satoshi Hamakawa(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST)),Fujio Mizukami(Research Center for Compact Chemical Process, National Institute of Advanced Industrial Science and Technology (AIST))
399	P-443	2006/7/27	Rajiv Kumar Chaturvedi	National Chemical Laboratory	India	Aerial oxidation of cyclohexane to adipic acid using nano gold as catalyst in a solvent free system	Satyajyoti Senapati(National Chemical Laboratory)
400	O-A17	2006/7/28	Ryoji Takahashi	Chiba University	Japan	Design of capillary reactor with internal solid-catalyst layer	Satoshi Sato(Chiba University),Toshiaki Sodesawa(Chiba University)
401	P-424	2006/7/27	Jae Eui Yie	Ajou University	Republic of Korea	Low Temperature Selective Catalytic Reduction of NO with ammonia over Novel MnOx Catalysts	Min Kang(Ajou University),Eun Duck Park(Ajou University),Ji Man Kim(Sungkyunkwan University)
402	P-309	2006/7/26	Yasuhiro IWASAWA	The University of Tokyo	Japan	Surface-Promoted Asymmetric Diels-Alder Reaction on Achiral Functionalized SiO ₂ -Supported Cu-BOX Complexes	Satoka TANAKA(The University of Tokyo),Mizuki TADA(The University of Tokyo)

403	P-509	2006/7/28	Zhigang Zhu	Department of Applied Chemistry, Tohoku University	Japan	Computational Study on the Electrical and Electronic Properties of Metal Oxides for Gas-Sensing Applications	Arunabhram Chutia(Department of Applied Chemistry, Tohoku University),Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University/ PRESTO, Japan Science and Technology Agency),Carlos A. Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(Department of Applied Chemistry, Tohoku University/New Industry Creation Hatchery Center, Tohoku University)
404	P-425	2006/7/27	Tetsuya Nanba	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Support effect in Ag catalysts for acrylonitrile decomposition	Shouichi Masukawa(National Institute of Advanced Industrial Science and Technology (AIST)),Junko Uchisawa(National Institute of Advanced Industrial Science and Technology (AIST)),Akira Obuchi(National Institute of Advanced Industrial Science and Technology (AIST))
405	P-426	2006/7/27	Ryota Ishimoto	Department of Applied Chemistry, Tohoku University	Japan	Quantum Chemical Molecular Dynamics and DFT study on Adsorption Properties in g-Al ₂ O ₃ Supported Precious Metal Catalyst	Changho Jung(Department of Applied Chemistry, Tohoku University),Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University / PRESTO, Japan Science and Technology Agency),Carlos A. Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University/ Department of Applied Chemistry, Tohoku University)
406	P-310	2006/7/26	Ruslan Safarov	D.Sokolskii Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Cyclohexane Oxidation on Mn-Fe Containing Catalyst	Olga Kartonozhkina(D.Sokolskii Institute of Organic Catalysis and Electrochemistry),Alima Zharmagambetova(D.Sokolskii Institute of Organic Catalysis and Electrochemistry)
408	P-145	2006/7/24	Fuping ZHENG	School of Chemical and Environmental Engineering,Beijing Technology and Business University	P. R. China	Synthesis and characterization of six 1-alkyl-3-methylimidazolium ionic liquids	
409	O-C13	2006/7/25	Yuichi Kamiya	Hokkaido University	Japan	Cs _{2.5} H _{0.5} PW ₁₂ O ₄₀ -SiO ₂ composite as an excellent water-tolerant solid acid	Naoto Horita(Hokkaido University),Masaaki Kitakawa(Hokkaido University),Youhei Uchida(Hokkaido University),Toshio Okuhara(Hokkaido University)

413	P-304	2006/7/26	Stefan van Dommele	Utrecht University	The Netherlands	extending the scope of heterogeneous base catalysts: nitrogen containing carbon nanotubes	Amaya Romero-Izquierdo(University UCLM, Spain),Krijn P. de Jong(Utrecht University),Harry J. Bitter(Utrecht University)
414	O-B16	2006/7/25	Yong Lu	East China Normal University	China	Sinter-locked Microfibrous Nickel as Catalyst for High Efficiency Hydrogen Production from NH ₃ in Fuel Cell Applications	Hong Wang(East China Normal University),Qingsong Xue(East China Normal University),Junchun Chen(East China Normal University),Ying Tang(East China Normal University),Mingyuan He(East China Normal University)
415	PI-417	2006/7/27	Nobumasa Nakajima	Cosmo Oil Co., Ltd.	Japan	Development of Highly Active Co-Mo Catalyst for Ultra-deep Desulfurization of Diesel Fractions	Hiroshi Kimura(Cosmo Oil Co., Ltd.),Kazuyuki Kiriya(Cosmo Oil Co., Ltd.),Takashi Fujikawa(Cosmo Oil Co., Ltd.),Takeshi Kubota(Shimane University),Yasuaki Okamoto(Shimane University)
416	P-181	2006/7/24	Gui Young Han		Korea	Characteristics and photocatalytic performance of Pt-TiO ₂ nanotube arrays via anodization of titanium thin films to photocatalytic water-splitting	Wooseok Nam
417	P-427	2006/7/27	Atsushi TAKAHASHI	Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)	Japan	NO ₂ Reduction with Acetaldehyde over Co/Al ₂ O ₃ in the presence of O ₂	Masaaki HANEDA(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Tadahiro FUJITANI(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Hideaki HAMADA(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST))
418	P-546	2006/7/28	Gui Young Han		Korea	CO ₂ -free Hydrogen production by catalytic decomposition of methane over carbon catalysts in a fluidized bed	Ki June Yoon,Dong Hyun Lee(),Wooseok Nam,Jae Uk Jung
419	P-182	2006/7/24	Chen Lv	Department of Applied Chemistry, Tohoku University	Japan	A Theoretical Study on Photochemical Activity of Doped Anatase Titanium Dioxide in Visible Light Region	Agalya Govindasamy(Department of Applied Chemistry, Tohoku University),Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University/PRESTO, Japan Science and Technology Agency),Carlos A Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University/ Department of Applied Chemistry, Tohoku University)
420	P-357	2006/7/26	Lars J. Pettersson	KTH-Royal Institute of Technology, Chemical Engineering and Technology	Japan	Reforming of dimethyl ether over Cu and Pd catalysts	Marita Nilsson(KTH-Royal Institute of Technology, Chemical Engineering and Technology),Bård Lindström(Volvo PowerCell)

421	P-510	2006/7/28	Ryuji Miura	Department of Applied Chemistry, Tohoku University	Japan	Development of the Classical Molecular Dynamics Program with New Function for the Chemical Reaction Process	Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University / PRESTO, Japan Science and Technology Agency),Carlos A. Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University / Department of Applied Chemistry, Tohoku University)
422	PI-437	2006/7/27	Hiroyuki Kamata	Ishikawajima-Harima Heavy Industries Co., Ltd.	Japan	Mercury oxidation by hydrogen chloride over the CuO based catalyst	Shinya Mouri(Ishikawajima-Harima Heavy Industries Co., Ltd.),Shun-ichiro Ueno(Ishikawajima-Harima Heavy Industries Co., Ltd.),Kenji Takano(Ishikawajima-Harima Heavy Industries Co., Ltd.),Kouichi Watanabe(Ishikawajima-Harima Heavy Industries Co., Ltd.),Akimasa Yamaguchi(Central Research Institute of Electric Power Industry),Shigeo Ito(Central Research Institute of Electric Power Industry)
423	P-146	2006/7/24	Yuhan Sun	State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, P. R. China	P.R.China	Zinc acetate immobilized on organofunctionalized Silica and their performance in the reaction of 1,5-naphthalene diamine with dimethyl carbonate	Fukai Xiao(a Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, P. R. China, b Graduate School of Chinese Academy of Sciences, Beijing 100039, P. R. China),Desheng Zhang(Research institute of Jilin Petrochemical Company of Petrochina , Jilin 132021 , P. R.China),Wei Wei(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001),Cheng Yang(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001),Ning Zhao(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001)
424	P-358	2006/7/26	Mitsuaki Echigo	Osaka Gas Co., Ltd.	Japan	Performance of a novel CO preferential oxidation catalyst in fuel processors for residential PEFC systems	Takeshi Tabata(Osaka Gas Co., Ltd.)
425	P-147	2006/7/24	Ye Liu	Chemistry Department of East China Normal University	China	Replacement of Conventional Bases by Basic Ionic Liquids in Heck Reaction	Min Li(Chemistry Department of East China Normal University),Yong Lu(Chemistry Department of East China Normal University),Ming-Yuan He(Chemistry Department of East China Normal University)

427	P-113	2006/7/24	Paul Jean-François	Laboratoire de Catalyse de Lille / UMR CNRS 8010	France	Combined DFT/spectroscopic studies of MoOx species interaction with TiO2 support	Karim Hamraoui(Laboratoire de Catalyse de Lille / UMR CNRS 8010),Sylvain Cristol(Laboratoire de Catalyse de Lille / UMR CNRS 8010),Anne-Sophie Mamede(Laboratoire de Catalyse de Lille / UMR CNRS 8010),Edmond Payen(Laboratoire de Catalyse de Lille / UMR CNRS 8010)
428	O-C42	2006/7/28	Andreas Jentys	Technical University Munich, Department of Chemistry	Germany	Kinetic aspects of the urea SCR technology for mobile diesel engines	Johannes A Lercher(Technical University Munich, Department of Chemistry),Philipp Hauck(Technical University Munich, Department of Chemistry),Chintan Gondaliya(Technical University Munich, Department of Chemistry)
429	P-131	2006/7/24	Satoshi Kameoka	IMRAM, Tohoku University	Japan	Fabrication of novel copper catalysts by the immiscible interaction between Cu and M (M=Fe, Cr, Co)	Mika Okada(IMRAM, Tohoku University),An Pang Tsai(IMRAM, Tohoku University)
430	P-305	2006/7/26	Tomonori Kanougi	Polymer Laboratory, Ube Industries, LTD.	Japan	Phenol oxidation by hydrogen peroxide over beta zeolite in the presence of ketone	Harunori Fujita(Polymer Laboratory, Ube Industries, LTD.),Takashi Atouchi(Polymer Laboratory, Ube Industries, LTD.)
432	O-B32	2006/7/27	Anand Pal Singh	National Chemical Laboratory	India	Synthesis, characterization and catalytic applications of vanadium-containing ethane-bridged hybrid periodic mesoporous organosilicas	Shylesh - -(National Chemical Laboratory),Prinson P Samuel(National Chemical Laboratory)
433	P-103	2006/7/24	Naruki Endo	IMRAM, Tohoku University	Japan	Catalyst design based on control of valence electron band	Satoshi Kameoka(IMRAM, Tohoku University),Yasushi Ishii(Department of Physics, Chuo University),An Pang Tsai(IMRAM, Tohoku University)
434	O-C17	2006/7/26	Tsuyoshi Takata	Department of Chemical System Engineering, The University of Tokyo	Japan	Photocatalytic decomposition of water by a novel photocatalyst, Ge3N4	Nobuo Saito(Department of Chemistry, Nagaoka University of Technology),Junko N Kondo(Cheical Resources Laboratory, Tokyo Institute of Technology),Michikazu Hara(Cheical Resources Laboratory, Tokyo Institute of Technology),Hisayoshi Kobayashi(Department of Chemistry and Materials Technology, Kyoto Institute of Technology),Yasunobu Inoue(Department of Chemistry, Nagaoka University of Technology),Kazunari Domen(Department of Chemical System Engineering, The University of Tokyo)

435	P-428	2006/7/27	Jianguo Wang	State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences	P.R. China	Effects of water on the low-temperature oxidation of CO over Pd/CeO ₂ -TiO ₂	Feixue Liang(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences),Huaqing Zhu(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences),Zhangfeng Qin(State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences)
436	P-132	2006/7/24	Toyokazu Tanabe	Department of Materials Processing, Graduated School of Engineering, Tohoku University	Japan	Microstructures of Al-Cu-Fe quasicrystalline catalysts prepared by NaOH aq. leaching	Satoshi Kameoka(Institute of Multidisciplinary Research for Advanced Materials,Tohoku University),Futami Satoh(Institute of Multidisciplinary Research for Advanced Materials,Tohoku University),Masami Terauchi(Institute of Multidisciplinary Research for Advanced Materials,Tohoku University),An Pang Tsai(Institute of Multidisciplinary Research for Advanced Materials,Tohoku University)
437	P-429	2006/7/27	Xavier COURTOIS	LACCO, Laboratoire de Catalyse en Chimie Organique	france	Impact of the support on the NO _x trap properties of barium in Pt/Ba/support catalysts. NO _x storage capacity, regeneration and sulfur resistance of the catalysts.	Elena Cristina Corbos(LACCO, Laboratoire de Catalyse en Chimie Organique),Sanaa Elbouazzaoui(LACCO, Laboratoire de Catalyse en Chimie Organique),Patrice Marecot(LACCO, Laboratoire de Catalyse en Chimie Organique),Daniel DUPREZ(LACCO, Laboratoire de Catalyse en Chimie Organique)
438	P-114	2006/7/24	Kusman Dossumov	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Partial oxidation of toluene in vapor phase by heteropoly acid H ₄ PMo ₁₁ V ₀ 40 on aluminosilicate (SHAS-2)	Askar Kadyrovich Umbetkaliev(Institute of Organic Catalysis and Electrochemistry),Gulzhan Mukhangalievna Asilova(Institute of Organic Catalysis and Electrochemistry),Gaukhar Ergazievna Ergazieva(Institute of Organic Catalysis and Electrochemistry)
439	P-152	2006/7/24	Ville Nieminen	Abo Akademi University, Process Chemistry Centre	Finland	Adsorption of Aromatic Compounds on Pt Surface: A DFT Study	Karoliina Honkala(University of Jyväskylä, Dept. Physics),Dmitry Yu. Murzin(Abo Akademi University, Process Chemistry Centre)
441	P-359	2006/7/26	Huifeng Zhong	Department of Applied Chemistry, Tohoku University	Japan	Quantum Chemical Molecular Dynamics Study on the Electrochemical Processes in Polymer Electrolyte Fuel Cell	Hideyuki Tsuboi(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University/ PRESTO, Japan Science and Technology Agency),Carlos A Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(New Industry Creation Hatchery Center, Tohoku University/ Department of Applied Chemistry, Tohoku University)
442	P-148	2006/7/24	Ayumu Onda	Research Laboratory of Hydrothermal Laboratory, Kochi University	Japan	Wet oxidation of organic compounds over metal catalysts	Yotaro Suzuki(Research Laboratory of Hydrothermal Laboratory, Kochi University),Koji Kajiyoshi(Research Laboratory of Hydrothermal Laboratory, Kochi University),Kazumichi Yanagisawa(Research Laboratory of Hydrothermal Laboratory, Kochi University)

443	P-115	2006/7/24	Ken-ichi Shimizu	Department of Applied Chemistry, Graduate School of Engineering, Nagoya University	Japan	Peroxo-dicopper(II) complex in zeolite for selective photo-catalytic oxidation of benzene	Rei Maruyama(Department of Chemistry and Chemical Engineering, Faculty of Engineering, Niigata University), Tatsuya Kodama(Department of Chemistry and Chemical Engineering, Faculty of Engineering, Niigata University), Kyoichi Sawabe(Department of Applied Chemistry, Graduate School of Engineering, Nagoya University), Atsushi Satsuma(Department of Applied Chemistry, Graduate School of Engineering, Nagoya University)
444	P-306	2006/7/26	Robert Grybos	Institut für Materialphysik and Center for Computational Materials Science, Universitaet Wien	Austria	Periodic DFT simulations of the deNO _x process on Pd-exchanged mordenite.	Lubomir Benco(Institut für Materialphysik and Center for Computational Materials Science, Universitaet Wien), Juergen Hafner(Institut für Materialphysik and Center for Computational Materials Science, Universitaet Wien), Herve Toulhoat(Institut Francais du Petrole)
445	P-311	2006/7/26	Natalia Vasilievna Kolesnichenko	Topchiev Institute of Petrochemical synthesis RAS	Russia	Novel oligomer phosphonite ligands for Rh-catalyzed hydrogenation of CO ₂ .	Ekaterina Vladimirovna Kremleva(Topchiev Institute of Petrochemical synthesis RAS), Andrew Terentevich Teleshev(Moscow State Pedagogical University, Department of Chemistry)
446	P-183	2006/7/24	Suk-Jin Choung	Kyunghee university	South Korea	Application of three-phase fluidized photocatalytic system to decompositions of ammonia	Min-Kyu Jeon(Kyunghee university), Yeon-Hee Son(Kyunghee university), Ji-Young Ban(Kyunghee university), Misook Kang(Kyunghee university)
447	O-C35	2006/7/28	Sune Dalgaard Ebbesen	Catalytic Processes and Materials, Faculty of Science and Technology, University of Twente	The Netherlands	In-Situ ATR-IR spectroscopic study of the heterogeneous catalytic hydrogenation of nitrite in aqueous solution over Pt/Al ₂ O ₃	Barbara Louise Mojet(Catalytic Processes and Materials, Faculty of Science and Technology, University of Twente), Leon Lefferts(Catalytic Processes and Materials, Faculty of Science and Technology, University of Twente)
448	P-164	2006/7/24	Kusman Dossumov	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Low-percentage MoCrGa/clay catalysts in the process of oxidative conversion of C ₃ -C ₄ saturated hydrocarbons	Svetlana Alexandrovna Tungatarova(Institute of Organic Catalysis and Electrochemistry), Kosylgan Kuzembaevich Kuzembai(Institute of Organic Catalysis and Electrochemistry), Bakytgul Kabykenovna Massalimova(Institute of Organic Catalysis and Electrochemistry)
450	IO-A23	2006/7/27	Hartmut Weyda	Süd-Chemie AG	Germany	Modern refining concepts – Catalytic hydrodewaxing a key technology in diesel and lubricants manufacture	Rainer Albert Rakoczy(Süd-Chemie AG)
451	P-511	2006/7/28	Hidekazu Iwai	Utsunomiya University	Japan	Stable structure of L-serine on Cu(001)	Akira Emori(Utsunomiya University), Satomi Kokubo(Utsunomiya University), Chikashi Egawa(Utsunomiya University)

452	IO-A10	2006/7/26	Won-Ho Lee	LG Chem. Ltd	Korea	New catalyst for selective oxidation of p-xylene to terephthaldehyde (TPAL)	Jong Hyun Chae(LG Chem. Ltd),Dong Il Lee(LG Chem. Ltd),Hyun Kyung Yoon(LG Chem. Ltd),In Kyu Park(LG Chem. Ltd)
453	P-430	2006/7/27	King Lun YEUNG	The Hong Kong University of Science and Technology	Hong Kong	Effects of TiO ₂ crystal size on the catalytic activity of Au/TiO ₂ for low temperature CO oxidation	Ka Yee HO(The Hong Kong University of Science and Technology)
455	P-133	2006/7/24	Ou Dong	Department of Chemical Engineering, The Hong Kong University of Science and Technology	China	An In-situ AFM Investigation of Sol-Gel Process for Catalyst Preparation	Nan Yao(Department of Chemical Engineering, The Hong Kong University of Science and Technology),Lun King Yeung(Department of Chemical Engineering, The Hong Kong University of Science and Technology)
456	P-360	2006/7/26	Hideyuki Tsuboi	Department of Applied Chemistry, Tohoku University	Japan	Electrical Property of Catalyst Studied by Novel Electrical Conductivity Simulator Based on Tight-Binding Quantum Chemical Molecular Dynamics	Chutia Arunabhiram(Department of Applied Chemistry, Tohoku University),Zhigang Zhu(Department of Applied Chemistry, Tohoku University),Michihisa Koyama(Department of Applied Chemistry, Tohoku University),Akira Endou(Institute of Fluid Science, Tohoku University),Momoji Kubo(Department of Applied Chemistry, Tohoku University/ PRESTO, Japan Science and Technology Agency),Carlos A. Del Carpio(Department of Applied Chemistry, Tohoku University),Akira Miyamoto(Department of Applied Chemistry, Tohoku University/ NICHe, Tohoku University)
457	P-373	2006/7/26	Suk-Jin Choung	College of Environment and Applied Chemistry, KyungHee University	Republic of Korea	Highly concentrated ammonia decomposition on the dielectric barrier discharge (DBD) plasma/photocatalytic hybrid system with V-TiO ₂	Joon-Woo Kim, Min-Kyu Jeon(College of Environment and Applied Chemistry, KyungHee University),Ji-Young Ban(College of Environment and Applied Chemistry, KyungHee University),Yeon-Hee Son(College of Environment and Applied Chemistry, KyungHee University),Misook Kang(mskang@khu.ac.kr)
458	P-547	2006/7/28	Kazuhiisa Murata	National Institute of Advanced Industrial Science and Technology	Japan	-Preliminary study on Fischer-Tropsch reaction using ruthenium/Al ₂ O ₃ catalysts	Kiyomi Okabe(National Institute of Advanced Industrial Science and Technology),Isao Takahara(National Institute of Advanced Industrial Science and Technology),Megumu Inaba(National Institute of Advanced Industrial Science and Technology),Masahiro Saito(National Institute of Advanced Industrial Science and Technology)

460	O-B01	2006/7/24	Hirokazu Shibata	Reactor and Catalysis Engineering, Delft University of Technology	The Netherlands	Fisher-Tropsch like production of hydrocarbons with a high C2 selectivity in CO2 electroreduction	Ruud Brand(Reactor and Catalysis Engineering, Delft University of Technology),Guido Mul(Reactor and Catalysis Engineering, Delft University of Technology),Jacob A. Moulijn(Reactor and Catalysis Engineering, Delft University of Technology)
462	O-C05	2006/7/24	Lubomir Benco	Vienna University	Austria	A DFT study of activation of H2 and CH4 over Zn-MOR	Tomas Bucko(Vienna University),Juergen Hafner(Vienna University),Herve Toulhoat(IFP France)
464	O-C40	2006/7/28	Blanka Wichterlova		Czech Republic	Ag active sites, surface intermediates and hydrogen function at decane-SCR-NOx over Ag/alumina	Petr Sazama(dtto),Zdenek Sobalik(dtto),Jiri Dedecek(dtto)
465	P-134	2006/7/24	Krijn P de Jong	Inorganic Chemistry and Catalysis, Debye Institute, Utrecht University	The Netherlands	Modified Calcination for the Preparation of Highly Dispersed Catalysts	Petra E de Jongh(Inorganic Chemistry and Catalysis, Debye Institute, Utrecht University),Jos A van Dillen(Inorganic Chemistry and Catalysis, Debye Institute, Utrecht University),Jelle R.A. Sietsma(Inorganic Chemistry and Catalysis, Debye Institute, Utrecht University)
466	O-A11	2006/7/28	Liubov Kiwi-Minsker	École Polytechnique Fédérale de Lausanne	Switzerland	CARBON NANOFIBERS GROWN ON METALLIC FILTERS AS NOVEL STRUCTURED CATALYTIC MATERIALS	Pascal Tribolet(École Polytechnique Fédérale de Lausanne)
467	P-415	2006/7/27	Hilal Demir		TURKEY	Microcalorimetric characterization of Al2O3 supported Pd and Pt catalysts	Zoltan - Kiraly(Colloid chemistry university of szeged),Deniz UNER(-)
468	O-B22	2006/7/26	Mukaddes Can		Turkey	Synthesis and characterization of mesoporous Co-Pb/SBA-15 catalysts	Deniz Uner,Aysen Yilmaz,Burcu Akca
469	O-B24	2006/7/26	Jiri Dedecek	J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic	Czech Republic	Control of Al siting and distribution in the framework of ZSM-5 zeolite	Blanka Wichterlova(J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic),Vendula Gábova (J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic),Jiri Brus(Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic)

470	P-307	2006/7/26	Jiri Dedecek	J. Heyrovsk Institute of Physical Chemistry, Academy of Sciences of the Czech Republic	Czech republic	Control of reaction pathway in acid catalyzed reactions over ZSM-5 catalyst by tuning local aluminum density	Blanka Wichterlova(J. Heyrovsk Institute of Physical Chemistry, Academy of Sciences of the Czech Republic), Vendula Gábova (J. Heyrovsk Institute of Physical Chemistry, Academy of Sciences of the Czech Republic)
473	P-165	2006/7/24	Deniz Uner	Middle East Technical University	Turkey	Sulfated zirconia in mesoporous silica frame for the methathesis of halogenated methane molecules	Aysen Yilmaz(Middle East Technical University), Volkan Degirmenci(Middle East Technical University)
474	P-135	2006/7/24	Stanislaw Dzwigaj	University	France	Key role of defect sites upon post synthesis introduction of VV in dealuminated zeolite from aqueous VIVOSO4 solution in absence of oxygen	Michel Che(University)
475	PI-421	2006/7/27	Jose Luis Cano-Dominguez	Instituto Mexicano del Petroleo	Mexico	Paraffins hydroisomerization catalyst	Laura Olivia Aleman-Vazquez(Instituto Mexicano del Petroleo), Veronica Gonzalez-Peña(Instituto Mexicano del Petroleo)
476	P-431	2006/7/27	Tetsuya Shishido	Tokyo Gakugei University	Japan	Active Iron Site Over Fe-MCM-41 for N2O Catalytic Decomposition and Reduction by Methane	Yan Tian(Tokyo Gakugei University), Erika Ogawa(Tokyo Gakugei University), Akira Ikuo(Tokyo Gakugei University), Zhang Quinghong(Xiamen University), Ye Wang(Xiamen University), Katsuomi Takehira(Hiroshima Univesity), Sadao Hasegawa(Tokyo Gakugei University)
477	P-136	2006/7/24	Tatiana Klimova	Facultad de Quimica, Universidad Nacional Autonoma de Mexico	Mexico	New NiMo catalysts for deep HDS supported on SBA-15 materials functionalized by Ti and Zr grafting	Oliver Gutierrez(Facultad de Quimica, Universidad Nacional Autonoma de Mexico), Gustavo Fuentes(Universidad Autonoma Metropolitana - Iztapalapa)
478	P-153	2006/7/24	Gaukhar Zakumbaeva	D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry	Republic of Kazakhstan	Messbauer study of Fe-Mo-Pt/Al2O3-zeolite catalysts for C6-C9-alkanes conversion	Aizhan Gazizova(D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry)
479	P-432	2006/7/27	King Lun Yeung	The Hong Kong University of Science and Technology	Hong Kong	New Low Temperature Ammonia Oxidation Catalysts	Pik Ying Lui(HKUST)

480	PI-431	2006/7/27	Masato Machida	Dept. Appl. Chem., Faculty of Eng., Kumamoto University	Japan	Low-temperature Electrocatalytic NO _x Reduction Using Solid Polymer Electrolytes	Minoru Kimura(Mitsubishi Electric Corp),Shiro Yamauchi(Mitsubishi Electric Corp),Youji Fujisaki(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Isao Ishibashi(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Shin Hamada(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Keita Ikeue(Dept. Appl. Chem., Faculty of Eng., Kumamoto University)
481	P-137	2006/7/24	Masato Machida	Dept. Appl. Chem., Faculty of Eng., Kumamoto University	Japan	Catalytic applications of mesoporous Pr-oxysulfates with a large oxygen storage capacity	Masakazu Etoh(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Kiyotaka Kawamura(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Tomoatsu Kawano(Dept. Appl. Chem., Faculty of Eng., Kumamoto University),Keita Ikeue(Dept. Appl. Chem., Faculty of Eng., Kumamoto University)
482	O-C15	2006/7/25	Toshihide Baba	Tokyo Institute of Technology	Japan	Conversion of Methane over In-loaded ZSM-5 Zeolite in the Presence of Ethene	Kazuhiro Murai(Tokyo Institute of Technology),Koji Inazu(Tokyo Institute of Technology)
484	PI-415	2006/7/27	Michel VRINAT	Institut de Recherches sur la Catalyse-CNRS	France	Support effect in hydrotreating: relationship between the preparation conditions and the promoting effect of nickel in NiMo/TiO ₂ -Al ₂ O ₃ and NiMo/TiO ₂ -ZrO ₂ catalysts.	Alfredo GUEVARA(Universidad Autonoma del Estado de Hidalgo),Dorothee LAURENTI (Institut de Recherches sur la Catalyse-CNRS),Robert BACAUD(Institut de Recherches sur la Catalyse-CNRS)
486	O-B29	2006/7/27	Kei Inumaru	Department of Applied Chemistry, Hiroshima University	Japan	Organic-inorganic cooperative nanocatalysts based on mesoporous materials	Takashi Kasahara(Department of Applied Chemistry, Hiroshima University),Kazuhiro Yoshikawa(Department of Applied Chemistry, Hiroshima University),Tomoyasu Nakano(Department of Applied Chemistry, Hiroshima University),Masataka Ikeda(Department of Applied Chemistry, Hiroshima University),Toru Ishihara(Department of Applied Chemistry, Hiroshima University),Shoji Yamanaka(Department of Applied Chemistry, Hiroshima University)
487	PI-212	2006/7/25	Geon-Joong Kim	INHA University	Korea	Highly Enantioselective Hydrolytic Kinetic Resolution of Terminal Epoxides using Novel Chiral Bimetallic (Salen)Co Complexes	Chang-Kyo Shin(INHA University),Cheol-Heung Ahn(INHA University),Wenji Lee(INHA University)
488	PI-213	2006/7/25	Geon-Joong Kim	INHA University	Korea	Practical Access to Highly Enantiopure Chiral Intermediates through Asymmetric Ring Opening of Epoxides with Acids	Santosh Singh Thakur(INHA University),Shuwei Chen(INHA University),Wenji Lee(INHA University)

489	P-512	2006/7/28	Isik Onal	Middle East Technical University (METU)	Turkey	A density functional theory study of ethylene adsorption on Ni(111), Ni(100) and Ni13 nanocluster surfaces	Asli Sayar(Middle East Technical University (METU)),Selim Senkan(University of California, Los Angeles (UCLA))
490	PI-235	2006/7/25	Jong-Ho Kim	Chonnam National University	Korea	Preparation and Characterization of Visible-light Sensitive Textile-shape Titania Photocatalysts	Sun Hwa Kwon(Chonnam National University),Gon Seo(Chonnam National University),Jong Beom Kim(Photo and Environmental Technology Co. Ltd.),Sun-Jung Song(Photo and Environmental Technology Co. Ltd.)
491	P-361	2006/7/26	Sanjay Patel	Indian Institute of Technology Delhi	India	Fuel cell grade hydrogen production via oxidative steam reforming of methanol over gamma alumina supported copper catalysts modified with Ce and Cr	K. K. Pant(Indian Institute of Technology Delhi)
493	P-138	2006/7/24	Teruoki Tago	Hokkaido University	Japan	Preparation of ZSM-5 zeolite nanocrystals via Hydrothermal Synthesis using Water/Surfactant/Oil solution	Kazuyuki Iwakai(Hokkaido University),Mieko Nishi(Hokkaido University),Takao Masuda(Hokkaido University)
494	P-374	2006/7/26	Masaya Matsuoka	Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University	Japan	Preferential oxidation of CO in the presence of H ₂ on highly dispersed Mo- and Cr-oxide photocatalysts	Rumi Takeuchi(Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University),Takashi Kamegawa(Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University),Masakazu Anpo(Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University)
495	P-433	2006/7/27	Asima Sultana	National Institute for Advanced Industrial Science and Technology, AIST	Japan	Improved catalytic activity of metal-doped Ag/Al ₂ O ₃ catalysts for NO reduction with decane	Masaaki Haneda(National Institute for Advanced Industrial Science and Technology, AIST),Tadahiro Fujitani(National Institute for Advanced Industrial Science and Technology, AIST),Hideaki Hamada(National Institute for Advanced Industrial Science and Technology, AIST)
498	P-116	2006/7/24	Adi Wolfson	Sami Shamoon College of Engineering	Israel	Solid Alkaline Metal Hydroxides as Heterogeneous Catalysts in Liquid Phase Oxidations of Alcohols.	Moti Herskowitz(Ben-Gurion University),Kfir Ben-Harush(Ben-Gurion University)
499	P-434	2006/7/27	Johannis A.Z. Pieterse	Energy research centre of the netherlands	Netherlands	NO-assisted N ₂ O decomposition with Fe-Ru-FER: An in operando XAS and IR spectroscopic study of the synergy between Fe and Ru	Gerhard D. Pirngruber(ETH zurich)

500	P-401	2006/7/27	Satoshi Inagaki	Chemical Resource Laboratory, Tokyo Institute of Technology	Japan	Preparation of interlayer-expanded Al-MWW-type zeolite by silylation	Yoshihiro Kubota(Division of Materials Science and Engineering, Graduate School of Engineering, Yokohama National University),Peng Wu(Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University),Takashi Tatsumi(Chemical Resource Laboratory, Tokyo Institute of Technology)
501	P-117	2006/7/24	Takashi Harada	Research Center for Solar Energy Chemistry, Osaka University	Japan	Palladium nanoparticles supported on an ordered mesoporous carbon: characterization and catalytic activity for liquid-phase oxidation of alcohols	Mayu Miyazaki(Graduate School of Engineering Science, Osaka University),Shigeru Ikeda(Research Center for Solar Energy Chemistry, Osaka University),Michio Matsumura(Research Center for Solar Energy Chemistry, Osaka University)
502	P-139	2006/7/24	Shigeru Ikeda	Research Center for Solar Energy Chemistry, Osaka Univ.	Japan	Fabrication of porous polystyrene microspheres using amphiphilic and hydrophobic silica particles as structure-directing agents	Yoshiko Kitani Takahara(Research Center for Solar Energy Chemistry, Osaka Univ.),Koji Tachi(Research Center for Solar Energy Chemistry, Osaka Univ.),Satoru Ishino(Research Center for Solar Energy Chemistry, Osaka Univ.),Toshiaki Hasegawa(Research Center for Ultra-HighVoltage Electron Microscopy, Osaka Univ.),Takao Sakata(Research Center for Ultra-HighVoltage Electron Microscopy, Osaka Univ.),Hirotaro Mori(Research Center for Ultra-HighVoltage Electron Microscopy, Osaka Univ.),Michio Matsumura(Research Center for Solar Energy Chemistry, Osaka Univ.),Bunsho Ohtani(Catalysis Research Center, Hokkaido Univ.)
503	P-375	2006/7/26	Shigeru Ikeda	Research Center for Solar Energy Chemistry, Osaka Univ.	Japan	Amphiphilic photocatalyst particles for overall water splitting	Ko Hirao(Research Center for Solar Energy Chemistry, Osaka Univ.),Yoshimitsu Ikoma(Research Center for Solar Energy Chemistry, Osaka Univ.),Michio Matsumura(Research Center for Solar Energy Chemistry, Osaka Univ.),Bunsho Ohtani(Catalysis Research Center, Hokkaido Univ.)
505	PI-436	2006/7/27	Akira Obuchi	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Compact heat exchanging reactor for diluted VOC abatement	Junko Uchisawa(National Institute of Advanced Industrial Science and Technology (AIST)),Akihiko Ohi(National Institute of Advanced Industrial Science and Technology (AIST)),Tetsuya Nanba(National Institute of Advanced Industrial Science and Technology (AIST)),Norio Nakayama(National Institute of Advanced Industrial Science and Technology (AIST)),Atsushi Ogata(National Institute of Advanced Industrial Science and Technology (AIST))
506	P-376	2006/7/26	Masato Machida	Kumamoto University	Japan	Structure and Reactivity of Hydrated Layered Tantalate Photocatalysts for Water Decomposition	Tomohiro Mitsuyama(Kumamoto University),Keishi Arayama(Kumamoto University),Keita Ikeue(Kumamoto University)

507	O-B39	2006/7/28	Jean-François Paul	Laboratoire de Catalyse de Lille	France	Combine DFT/spectroscopic studies of MoOx species interacting with TiO2 support	Karim Hamraoui(Laboratoire de Catalyse de Lille),Sylvain Cristol(Laboratoire de Catalyse de Lille),Anne-Sophie Mamède (Laboratoire de Catalyse de Lille),Edmond Payen(Laboratoire de Catalyse de Lille)
508	P-416	2006/7/27	Juliette Blanchard	CNRS	France	Operando XAFS study of the thioresistance of metallic Ru supported on HYD zeolite	Kyoko K Bando(AIST),Christophe Geantet(CNRS),Takashi Matsui(AIST),Michele Breysse(CNRS),Yuji Yoshimura(AIST),
509	P-118	2006/7/24	Ye Wang	Xiamen University	China	Gas-phase epoxidation of propylene with nitrous oxide catalyzed by modified iron-containing molecular sieves	Xiaoxing Wang(Xiamen University),Qian Guo(Xiamen University),Qinghong Zhang(Xiamen University)
510	P-552	2006/7/28	Zahidul Md. Amin	Tokyo university of Agriculture and Technology	Japan	Low temperature water-gas shift reaction over alkali promoted Co-Mo carbided catalysts	Masatoshi Nagai(Tokyo university of Agriculture and Technology)
512	O-A07	2006/7/24	Xinwen Guo	Dalian University of Technology	Japan	Highly Effective Dehydration of BE acid over citric acid modified H-Beta catalysts	Renshun Xu(Dalian University of Technology),Guiru Wang(Dalian University of Technology),Jing Liu(Dalian University of Technology),Zhuxia Zhang(Dalian University of Technology)
513	P-166	2006/7/24	Gauhar Zakumbaeva	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Catalytic dehydrogenation of liquefied petroleum gas to olefins	Nadezhda Toktabaeva(Institute of Organic Catalysis and Electrochemistry),Alma Kubasheva(Institute of Organic Catalysis and Electrochemistry),Larissa Gorbacheva(Institute of Organic Catalysis and Electrochemistry)
514	O-C28	2006/7/27	Erik Elm-Svensson	KTH - Royal Institute of Technology, Chemical Technology	Sweden	Perovskite supported on hexaaluminate for catalytic combustion of methane	Magali Boutonnet(KTH - Royal Institute of Technology, Chemical Technology),Sven G Järås (KTH - Royal Institute of Technology, Chemical Technology)
515	P-435	2006/7/27	Zdenek Sobalik	J. Heyrovsky Institute of Physical Chemistry	Czech Republic	Dynamic analysis of Fe- and Fe/Pt zeolite catalysts for the NO assisted N2O decomposition	Kamil Jisa(J. Heyrovsky Institute of Physical Chemistry),Dalibor Kaucky(J. Heyrovsky Institute of Physical Chemistry),Alena Vondrova(J. Heyrovsky Institute of Physical Chemistry),Jana Novakova(J. Heyrovsky Institute of Physical Chemistry),(),Bohumil Bernauer(Institute of Chemical Technology, Prague)

516	P-436	2006/7/27	Thierry Giornelli	Tokyo University of Agriculture and Technology	Japan	A catalytic PVC wastes treating process with H ₂ recovering	Yuso Kagawa(Tokyo University of Agriculture and Technology), Shingo Yamamoto(Tokyo University of Agriculture and Technology), Franck Dumeignil(Tokyo University of Agriculture and Technology), W. Qian Eika(Tokyo University of Agriculture and Technology), Atsushi Ishihara
517	P-167	2006/7/24	Muneyoshi Yamada	Tohoku University	Japan	Structure and reactivity of carbonaceous species formed on the precipitated Fe Fischer-Tropsch synthesis catalyst under high-pressure reaction conditions	Hai Chang(Tohoku University), Wen Sheng Ning(Tohoku University), Takeshi Hara(Tohoku University), Takehisa Mochizuki(Tohoku University), Naoto Koizumi(Tohoku University)
518	P-437	2006/7/27	Atsushi Satsuma	Dept. Applied Chemistry, Nagoya University	Japan	Promotion effect of hydrogen on propane-SCR over silver-alumina catalyst: Spectroscopic and kinetic study	Ken-ichi Shimizu(Dept. Applied Chemistry, Nagoya University), Junji Shibata(Dept. Applied Chemistry, Nagoya University)
519	O-B42	2006/7/28	Naoki Mimura	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Production of Propylene Oxide by Homogeneous Chain Reaction Initiated by Supported Ti-Oxide and Mo-Oxide Radical Generators	Zhaoxia Song(National Institute of Advanced Industrial Science and Technology (AIST)), Tomoki Akita(National Institute of Advanced Industrial Science and Technology (AIST)), Hiromi Yamashita(Osaka University), Susumu Tsubota(National Institute of Advanced Industrial Science and Technology (AIST)), Shigeo Ted Oyama(Virginia Tech)
520	IO-A17	2006/7/26	Claudia Brasse	Degussa AG, Peroxygen Chemicals	Germany	Application of titanium silicalite catalysts for propylene oxide and other large scale industrial applications	Thomas Haas(Degussa AG, Peroxygen Chemicals), Bernd Jaeger(Degussa AG, Peroxygen Chemicals)
521	O-A13	2006/7/28	Seong Ihl Woo	KAIST	Korea	Combinatorial research to heterogeneous catalysis: case study for primary and secondary screening and theoretical optimization upon HRS and ANNs	Kwang Seok Oh(CUPS and Department of Chemical and Biomolecular Engineering, Korea Advanced Institute of Science and Technology 373-1, Guseong-dong, Yuseong-gu, Daejeon, 305-701), Do Kyung Kim(Lehrstuhl Technische Chemie, Universität des Saarlandes, Am Markt, Zeile 3, D-66125 Dudweiler, Germany), Wilhelm F Maier(Lehrstuhl Technische Chemie, Universität des Saarlandes, Am Markt, Zeile 3, D-66125 Dudweiler, Germany), Andras Tompos(Institute of Surface Chemistry and Catalysis, Chemical Research Center, Hungarian Academy of Science, 1525 Budapest, POB 17, Hungary), Jozsef L Margitfalvi(Institute of Surface Chemistry and Catalysis, Chemical Research Center, Hungarian Academy of Science, 1525 Budapest, POB 17, Hungary)

522	O-C37	2006/7/28	Miron Victor Landau	Ben-Gurion University of the Negev	Israel	Alumina foam coated with nanostructured chromia aerogel – efficient catalytic material for complete combustion of chlorinated VOC	Leonid – Titelman(Ben-Gurion University of the Negev),Hadar – Rotter(Ben-Gurion University of the Negev),Vladimir – Gelman(Technion Israeli Institute of Technology),Gennady – Shter(Technion Institute of Technology),Gideon – Grader(Technion Institute of Technology),Mordehai – Herskowitz(Ben-Gurion University of the Negev)
523	P-377	2006/7/26	Yoshiki Shimodaira	Department of Applied Chemistry, Faculty of Science, Tokyo University of Science	Japan	Electronic structure analysis of surface and co-catalyst for water splitting photocatalysts by density functional method	Hiroaki Katsuyama(Department of Chemistry and Materials Technology, Kyoto Institute of Technology),Akihiko Kudo(Department of Applied Chemistry, Faculty of Science, Tokyo University of Science),Hisayoshi Kobayashi(Department of Chemistry and Materials Technology, Kyoto Institute of Technology)
524	P-553	2006/7/28	Hisayoshi Kobayashi	Department of Chemistry and Materials Technology, Kyoto Institute of Technology	Japan	Search for new anode catalysts for fuel cells. DFT study of CO and H ₂ adsorption on Pt and non-Pt alloys	Yoshiki Shimodaira(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo),Toshitaka TANAKA(Department of Chemistry and Materials Technology, Kyoto Institute of Technology),Toshiko MIURA(Department of Chemistry and Materials Technology, Kyoto Institute of Technology)
525	P-221	2006/7/25	Koji Inazu	Tokyo Institute of Technology	Japan	A novel supported ruthenium catalyst for ammonia synthesis using barium hexaaluminate as support	Zhixiong You(Tokyo Institute of Technology),Ken-ichi Aika(Tokyo Institute of Technology),Toshihide Baba(Tokyo Institute of Technology)
526	P-119	2006/7/24	Xinwen Guo	Dalian University of Technology	China	Gas-phase Propylene Epoxidation over Ag/TS-1 Prepared in Single Microemulsion	Chuanfu Wang(Dalian University of Technology),Yinong Wang(Dalian University of Technology),Xiangsheng Wang(Dalian University of Technology)
527	O-A01	2006/7/24	Atsushi Fukuoka	Hokkaido University	Japan	Biorefinery with heterogeneous catalysts: hydrolysis of sugars	Paresh L. Dhepe(Hokkaido University)
528	PI-234	2006/7/25	Byungchul Choi	School of Mechanical Engineering, Chonnam National University	S-Korea	C ₂ H ₄ Decomposition Effects of a Non-Thermal Plasma Discharge-Photocatalyst System with Various Ambient Humidity	Hanyong Kang(Graduate School of Mechanical Engineering, Chonnam National University),Geonseog Son(Neophotech Inc. Korea),David E. Foster(Engine Research Center, University of Wisconsin-Madison)

530	P-438	2006/7/27	Jazaer Dawody	Competence Centre for Catalysis, Chalmers University of Technology	Sweden	Sulfur deactivation and characterization of Pt/BaO/Al ₂ O ₃ and BaO/Al ₂ O ₃ catalysts	Hussam Abdulhamid(Competence Centre for Catalysis, Chalmers University of Technology),Magnus Skoglundh(Competence Centre for Catalysis, Chalmers University of Technology),Louise Olsson(Competence Centre for Catalysis, Chalmers University of Technology),Lisa Eurenus(Chalmers University of Technology),Eva Olsson(Chalmers University of Technology),Erik Fridell(Competence Centre for Catalysis, Chalmers University of Technology)
533	P-378	2006/7/26	Masahiro Miyauchi	TOTO Ltd.	Japan	Synthesis and Function of Titania-based Nanotubes and Nanoparticles	Hiromasa Tokudome(TOTO Ltd.)
534	P-222	2006/7/25	Yoshihiro Kubota	Yokohama National University	Japan	Catalytic performance of amino-functionalized mesoporous silica synthesized by a novel synthesis route using an anionic surfactant	Tishiyuki Yokoi(The University of Tokyo),Takashi Yamada(Yokohama National University),Takashi Tatsumi(Chemical Resources Laboratory, Tokyo Institute of Technology)
535	P-379	2006/7/26	Yoko Yamada	TOTO LTD.	Japan	Development of Photocatalyst Products	Yoshimitsu Saeki(TOTO LTD.),Masahiro Miyauchi(TOTO LTD.)
536	O-C36	2006/7/28	Francesco Arena	Dipartimento di Chimica Industriale e Ingegneria dei Materiali, Universit di Messina	Italy	Effects of chemical composition, preparation method and promoters on activity and stability of MnO _x -based catalysts for the CWO of phenol	Giuseppe Trunfio(Dipartimento di Chimica Industriale e Ingegneria dei Materiali, Universit di Messina),Adolfo Parmaliana(Dipartimento di Chimica Industriale e Ingegneria dei Materiali, Universit di Messina)
537	P-402	2006/7/27	Atsushi Takagaki	Tokyo Institute of Technology	Japan	Exfoliated transition-metal oxide nanosheets as novel solid acid catalysts	Caio Tagusagawa(The University of Tokyo),Junko Nomura Kondo(Tokyo Institute of Technology),Michikazu Hara(Tokyo Institute of Technology),Hisayoshi Kobayashi(Kyoto Institute of Technology),Shigenobu Hayashi(National Institute of Advanced Industrial Science and Technology),Kazunari Domen(The University of Tokyo)
538	P-120	2006/7/24	Michel Devillers		Belgium	Rationalization of the role played by lanthanides as main elements or property-tuning additives in oxides or molybdates used for alkane or alkene oxidations	

540	P-403	2006/7/27	Mai Okamura	Chemical Resources laboratory, Tokyo Institute of Technology	Japan	Synthesis and characterization of carbon-based solid acid/mesoporous silica composites	Junko Nomura Kondo(Chemical Resources laboratory, Tokyo Institute of Technology),Kazunari Domen(Department of Chemical System Engineering, School of Engineering, The University of Tokyo),Takashi Tatsumi(Chemical Resources laboratory, Tokyo Institute of Technology),Shigenobu Hayashi(Research institute of Instrumentation Frontier, National Institute of Advanced Industrial science and Technology (AIST)),Michikazu Hara(Chemical Resources laboratory, Tokyo Institute of Technology)
542	IO-A14	2006/7/26	Masaru Yoshitake	Asahi Glass Co., Ltd.	Japan	Effect of hydrogen and inactive constituent halocarbons on the hydrodefluorination of chlorofluorocarbons	Shin Tatematsu(Asahi Glass Co., Ltd.),Shinsuke Morikawa(Dohkai Chemical Industries Co., Ltd.)
543	P-439	2006/7/27	Pascal Granger	University of Lille – Laboratoire de Catalyse	France	Efficient ceria-zirconia based catalysts for the decomposition of N ₂ O at high temperature	Ginette Leclercq(University of Lille, Laboratoire de Catalyse)
544	P-440	2006/7/27	Kazuhiro Kaneda	Human Ecology Research Center, Sanyo Electric Co., Ltd.	Japan	Electrochemical ozone generation using a Si/Pt/TaO _x electrode fabricated by RF sputtering	Mineo Ikematsu(Human Ecology Research Center, Sanyo Electric Co., Ltd.),Masahiro Iseki(Human Ecology Research Center, Sanyo Electric Co., Ltd.),Daizo Takaoka(Human Ecology Research Center, Sanyo Electric Co., Ltd.),Tohru Higuchi(Faculty of Science, Tokyo University of Science),Takeshi Hattori(Faculty of Science, Tokyo University of Science),Takeyo Tsukamoto(Faculty of Science, Tokyo University of Science),Masashi Yasuda(Human Ecology Research Center, Sanyo Electric Co., Ltd.)
545	IO-A08	2006/7/25	Fuyuki Yagi	Chiyoda corporation	Japan	Development of CO ₂ reforming catalyst and process	Shuhei Wakamatsu(Chiyoda corporation),Ryuichi Kanai(Chiyoda corporation),Ryuichirou Kajiyama(Chiyoda corporation),Yoshifumi Suehiro(Japan Oil, Gas and Metals National Corporation),Mitsunori Shimura(Chiyoda corporation)
547	P-404	2006/7/27	Trissa Joseph	National Chemical Laboratory	India	Chemoselective Anti-Markovnikov Hydroamination of a- b Ethylenic Compounds with Amines using Montmorillonite Clay	Shivappa Bassapa Halligudi(National Chemical Laboratory)
548	O-B12	2006/7/25	Daniel DUPREZ	LACCO-Laboratoire de Catalyse en Chimie Organique	France	Rh/CexZr _{1-x} O ₂ catalyst for H ₂ production by ethanol steam reforming: impact of CO-CO ₂ -CH ₄ interconversion reactions	Anne BIROT(LACCO-Laboratoire de Catalyse en Chimie Organique),Claude DESCORME(IRC-CNRS),Florence EPRON(LACCO-Laboratoire de Catalyse en Chimie Organique)

549	P-537	2006/7/28	Kemei Wei	National Engineering Research Center of Chemical Fertilizer Catalyst at Fuzhou University	China	Investigation on High Activity Ru/AC Catalysts for Ammonia Synthesis	Rong Wang(National Engineering Research Center of Chemical Fertilizer Catalyst at Fuzhou University),Jianxin Lin(National Engineering Research Center of Chemical Fertilizer Catalyst at Fuzhou University),Xiujin Yu(National Engineering Research Center of Chemical Fertilizer Catalyst at Fuzhou University),Jun Ni(National Engineering Research Center of Chemical Fertilizer Catalyst at Fuzhou University)
550	P-105	2006/7/24	Victor Ostrovskii	Karpov Institute of Physical Chemistry	Russia	Modified Theoretical and Experimental Approach for Revealing the Adequate Kinetic Descriptions of Heterogeneous Catalytic Processes	Elena Kadyshevich(Karpov Institute of Physical Chemistry)
551	PI-205	2006/7/25	Hiroshi Shirai	Asahi Kasei Chemicals Corporation	Japan	Ethylene/Norbornene copolymerization by half-sandwich metallocene catalyst	Yu Nitto(Asahi Kasei Chemicals Corporation),Kenya Tanaka(Asahi Kasei Chemicals Corporation)
552	PI-412	2006/7/27	Dae Won Park	Pusan National University	Korea	Removal of hydrogen sulfide by selective oxidation over LaSrCoO ₄ and LaSrCoO _{3.6} F _{0.4} mixed oxide catalysts	Xiaomao Yang(Pusan National University),Moon Il Kim(Pusan National University),Il Kim(Pusan National University)
555	P-441	2006/7/27	Mitutaka Okumura	Osaka University	Japan	Theoretical study of NO and CO adsorption on Au ₁₃ , Ir ₁₃ cluster and Ir(111) surfaces	Yasutaka Kitagawa(Osaka University),Tadahiro Fujitani(AIST),Yasushi Maeda(AIST),Tomoki Akita(AIST Kansai),Kizashi Yamaguchi(Osaka University)
556	P-417	2006/7/27	Naonobu Katada	Department of Materials Science, Faculty of Engineering, Tottori University	Japan	Molecular-sieving silica overlayer prepared by chemical vapor deposition on tin oxide: shape selective adsorption and detection as a sensor	Masahiro Sekiyama(Department of Materials Science, Faculty of Engineering, Tottori University),Shohei Yamakita(Department of Materials Science, Faculty of Engineering, Tottori University),Miki Niwa(Department of Materials Science, Faculty of Engineering, Tottori University)
557	O-A4	2006/7/24	Teruhisa Ohno	Kyushu Institute of Technology	Japan	Photocatalytic oxidation of 2-propanol and water over S-Doped TiO ₂ with or without Fe ions under photoirradiation	Toshiki Tsubota(Kyushu Institute of Technology),Maki Toyofuku(Kyushu Institute of Technology),Kazutomo Nishijima(Kyushu Institute of Technology)
558	P-209	2006/7/25	In Kyu Song	Seoul National University	Korea	Reduction potentials of heteropolyacid (HPA) catalysts probed by scanning tunneling microscopy and UV-visible spectroscopy	Min Hye Youn(Seoul National University),Ji Chul Jung(Seoul National University),Heesoo Kim(Seoul National University),Mark Barteau(University of Delaware)

559	P-513	2006/7/28	Zhanggen Huang	Institute of Coal Chemistry, Chinese Academy of Sciences	China	Effect of H ₂ O and SO ₂ on V ₂ O ₅ /AC catalyst for NO reduction	Zhenyu Liu(Institute of Coal Chemistry, Chinese Academy of Sciences), Zhenping Zhu(Institute of Coal Chemistry, Chinese Academy of Sciences), Xianlong Zhang(Institute of Coal Chemistry, Chinese Academy of Sciences)
561	P-168	2006/7/24	Svetlana Alexandrovna Tungatarova	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Different direction for oxidative conversion of methane to oxygenates, synthesis-gas or hydrogen over polycomponent oxide catalysts	Kusman Dossumov(Institute of Organic Catalysis and Electrochemistry), Galina Andreevna Savelieva(Institute of Organic Catalysis and Electrochemistry), Nina Mikhailovna Popova(Institute of Organic Catalysis and Electrochemistry), Raisa Khaidarovna Salakhova(Institute of Organic Catalysis and Electrochemistry)
562	P-504	2006/7/28	Abhijit Chatterjee	Accelrys	Japan	Computer simulation study to tune the performance of zeolitic membrane	
563	O-B20	2006/7/26	Noel CANT	The University of New South Wales	Australia	New routes to liquid fuels via acetylene oligomerization	Irene LIU(The University of New South Wales)
564	P-514	2006/7/28	Kimio Kunimori	Institute of Materials Science, University of Tsukuba	Japan	Infrared chemiluminescence study of excited CO ₂ molecules during CO oxidation by O ₂ and NO on single-crystal Pd surfaces	Kenji Nakao(Institute of Materials Science, University of Tsukuba), Shin-ichi Ito(Institute of Materials Science, University of Tsukuba), Keiichi Tomishige(Institute of Materials Science, University of Tsukuba)
566	P-106	2006/7/24	Xiangguang Yang	Changchun Institute of Applied Chemistry	P. R. China	Effect of Surface Appropriate Lipophobicity on Coke Deposition in Isobutene omerization over Silica-supported 12-Silicotungstic Acid modified with Teflon	Guifang Chen(Changchun Institute of Applied Chemistry), Jing Li(Changchun Institute of Applied Chemistry), Yue Wu(Changchun Institute of Applied Chemistry)
567	PI-206	2006/7/25	Kazuo Takaoki	Sumitomo Chemical	Japan	New Bismuth Cocatalyst for Metallocene-Mediated Olefin Polymerization	Yoshiya Okado(Sumitomo Chemical), Yoshinori Seki(Sumitomo Chemical), Tatsuya Miyatake(Sumitomo Chemical)
570	O-B13	2006/7/25	Takeshige Takahashi	Kagoshima University	Japan	Methanol Steam Reforming over Copper Catalyst Prepared from Amorphous Cu-Zr Alloy with Minute Amount of Noble Metals	Makoto Kawabata(Kagoshima University), Asami Yoshida(Kagoshima University), Takami Kai(Kagoshima University), Hisamichi Kimura(Tohoku University), Akihisa Inoue(Tohoku University)

572	P-210	2006/7/25	Shigeru Sugiyama	Department of Chemical Science and Technology, The University of Tokushima	Japan	Effects of the incorporation of vanadate and cobalt cation into hydroxyapatites on the oxidative dehydrogenation of propane	Takeshi Osaka(Department of Chemical Science and Technology, The University of Tokushima),Yuuki Hirata(Department of Chemical Science and Technology, The University of Tokushima),Ken-Ichiro Sotowa(Department of Chemical Science and Technology, The University of Tokushima)
573	PI-411	2006/7/27	Hidenobu Wakita	Matsushita Electric Industrial Co., Ltd.	Japan	Adsorbed species on CO preferential oxidation in the presence of H ₂ S over Ru/Al ₂ O ₃ catalyst	Tatsuya Takeguchi(Hokkaido University),Wataru Ueda(Hokkaido University)
579	P-515	2006/7/28	Giuseppe Fierro	Istituto CNR dei Sistemi Complessi (ISC)	Italy	The role of iron species in Fe-MFI and Fe-MCM-41 catalysts for N ₂ O and NO abatement reactions	Giuliano Moretti(Dipartimento di Chimica, Universit di Roma-1 (La Sapienza)),Giovanni Ferraris(Istituto CNR dei Sistemi Complessi (ISC)),Giovanni Battista Andreozzi(Dipartimento di Scienze della Terra, Universit di Roma-1 (La Sapienza))
582	P-223	2006/7/25	Masatoshi Nagai	Tokyo Univ of Agriculture and Technology	Japan	Cobalt Molybdenum Carbides: Surface Properties and Reactivity for Methane Decomposition	Shamsul Izhar Sijam(Tokyo Univ of Agriculture and Technology),Hiroyuki Kanesugi
583	IL-B04	2006/7/26	Tadahito Nobori	Material Science Laboratory, Mitsui Chemicals Inc.	Japan	Development of new phosphazene catalysts and their industrial applications	Takaomi Hayashi(Catalysis Science Laboratory, Mitsui Chemicals Inc.),Atsushi Shibahara(Catalysis Science Laboratory, Mitsui Chemicals Inc.),Setsuko Funaki(Mitsui Chemicals Inc.),Katsuhiko Funaki(Mitsui Chemicals Inc.),Nariyoshi Yoshimura(Catalysis Science Laboratory, Mitsui Chemicals Inc.),Yoshihisa Inoue(Catalysis Science Laboratory, Mitsui Chemicals Inc.)
585	P-516	2006/7/28	Sylvain CRISTOL	Laboratoire de Catalyse de Lille	France	Ab-initio study of the thiophene desulfurization mechanism	Jean-Francois PAUL(Laboratoire de Catalyse de Lille),Edmond PAYEN(Laboratoire de Catalyse de Lille)
586	P-380	2006/7/26	Valery Zakharenko	Borshkov Institute of Catalysis	Russian Federation	THE INITIATION OF HETEROGENEOUS (GAS - SOLID) OXIDATION REACTIONS BY IRRADIATION	

587	P-224	2006/7/25	Wenjie Shen	Dalian Institute of Chemical Physcis, Chinese Academy of Sciences	China	Synthesis of novel NiO and Ni catalysts with fibrous shapes	Yong Li(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Xiaowei Xie(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Junlong Liu(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Baocai Zhang(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Qiyang Liu(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Yide Xu(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences)
589	P-149	2006/7/24	Katsuomi Takehira	Hiroshima University	Japan	Improved Fe/Mg-Al hydrotalcite catalyst for Baeyer-Villiger oxidation of ketones with molecular oxygen and benzaldehyde	Tomonori Kawabata(Sumitomo Chemical Co.),Naoko Fujisaki(Hiroshima University),Tetsuya Shishido(Tokyo Gakugei University),Ken Takaki(Hiroshima University),Tsuneji Sano(Hiroshima University),Kiyoshi Nomura(Tokyo University)
590	P-169	2006/7/24	Carla Eponina Hori	Federal University of Uberlandia	Brazil	Effect of the calcination temperature on the performance of Pt/CeO ₂ /Al ₂ O ₃ and Pt/Ce _{0.5} Zr _{0.5} O ₂ /Al ₂ O ₃ for partial oxidation of methane	Vanessa B. Mortola(Federal University of Uberlandia),Diego da Silva Martinez(Federal University of Uberlandia),Juan A. Ruiz(National Institute of Technology),Lisiane Veiga Mattos(National Institute of Technology),Fabio Bellot Noronha(National Institute of Technology)
591	P-517	2006/7/28	Nobuhito Imanaka	Department of Applied Chemistry, Faculty of Engineering, Osaka University	Japan	Low temperature reduction of Ce _{0.64} Zr _{0.16} Bi _{0.20} O _{1.90} stabilized on gamma-Al ₂ O ₃ support	Toshiyuki Masui(Department of Applied Chemistry, Faculty of Engineering, Osaka University),Kazuhiko Koyabu(Department of Applied Chemistry, Faculty of Engineering, Osaka University),Keisuke Minami(Department of Applied Chemistry, Faculty of Engineering, Osaka University)
592	O-A10	2006/7/28	László Gucci	Institute of Isotopes, CRC, HAS	Hungary	NOVEL METHOD FOR PREPARATION OF NANOSTRUCTURED Au/TiO ₂ ON SiO ₂ SUPPORT BY COLLOIDAL SYNTHESIS	Anita Horváth (Institute of Isotopes, CRC, HAS),Andrea Beck(Institute of Isotopes, CRC, HAS),Antal Sárkány (Institute of Isotopes, CRC, HAS),Györgyi Stefler(Institute of Isotopes, CRC, HAS),Olga Geszti(Research Institute for Technical Physics and Materials Science)
594	PI-424	2006/7/27	Kazuhito Sato	COSMO OIL CO.,LTD. Research and Development Center	Japan	Catalytic performance of Ru supported on manganese-alumina for Fischer-Tropsch synthesis	Osamu Iwamoto(COSMO OIL CO.,LTD. Research and Development Department),Shigenori Nakashizu(COSMO OIL CO.,LTD. Research and Development Center),Toshio Shimizu(COSMO OIL CO.,LTD. Research and Development Center),Yoshihumi Suehiro(Japan Oil, Gas and Metals National Corporation)

595	P-548	2006/7/28	wenjie Shen	Dalian Institute of Chemical Physcis, Chinese Academy of Sciences	China	Steam reforming of bio-ethanol over ceria-supported Co, Ir and Ni Catalysts	Baocai Zhang(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Xiaolan Tang(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Yong Li(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Weijie Cai(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences),Yide Xu(Dalian Institute of Chemical Physcis, Chinese Academy of Sciences)
596	P-225	2006/7/25	Jun Wang	Nanjing University of Technology, Nanjing 210009, P. R. China	China	Hydroxylation of Benzene to Phenol over Cesium Salt of Vanadium-substituted Heteropolymolybdates Synthesized by a Coprecipitation Method	Fumin Zhang(Nanjing University of Technology, Nanjing 210009, P. R. China),Maiping Guo(Nanjing University of Technology, Nanjing 210009, P. R. China),Hanqing Ge(Nanjing University of Technology, Nanjing 210009, P. R. China)
597	PI-226	2006/7/25	Hideaki Miki	ZEON CORPORATION	Japan	Development of a New Process for Manufacturing Cyclopentanone(CPN)	Takayuki Kikuchi(Kongo Chemical Co., Ltd.),Hiroyoshi Sato(ZEON CORPORATION),Kazuaki Kondo(ZEON CORPORATION),Misturu Nitta(ZEON CORPORATION)
598	IO-A02	2006/7/25	Roland Winde	Umicore AG and Co. KG	Germany	Modern catalysis technologies for Pharma-Fine-Chemical applications by Umicore	
599	P-154	2006/7/24	Noriyoshi Kakuta	Department of Materials Science, Toyohashi University of Technology	Japan	Physicochemical Properties of Porous Carbons Prepared from Dechlorinated PVC	Hiroki Ito(Department of Materials Science, Toyohashi University of Technology),Shigeki Aoi(Department of Materials Science, Toyohashi University of Technology),kyogo Shirono(Department of Materials Science, Toyohashi University of Technology),Hironobu Ohkita(Department of Materials Science, Toyohashi University of Technology),Takanori Mizushima(Department of Materials Science, Toyohashi University of Technology)
600	P-518	2006/7/28	Noriyoshi Kakuta	Department of Materials Science, Toyohashi University of Technology	Japan	Reduction and Oxygen Storage Behavior of MgO-CeO ₂ -ZrO ₂ Catalysts	Yosuke Kudo(Department of Materials Science, Toyohashi University of Technology),Masashi Chujo(Department of Materials Science, Toyohashi University of Technology),Hironobu Ohkita(Department of Materials Science, Toyohashi University of Technology),Takanori Mizushima(Department of Materials Science, Toyohashi University of Technology)
602	O-A09	2006/7/24	Kohichi Segawa	Sophia University	Japan	Isomerization of n-alkanes under supercritical conditions over Al-promoted sulfated zirconia	Takako Funamoto(Sophia University),Masaya Nakamura(Sophia University),Kazushige Narisawa(Sophia University)

608	P-226	2006/7/25	Min Lin	Research institute of Petroleum processing, SINOPEC	China	SYNTHESIS OF A HOLLOW TITANIUM SILICATE ZEOLITE	Jun Long(Research institute of Petroleum processing, SINOPEC),Bin Zhu(Research institute of Petroleum processing, SINOPEC),Xingtian Shu(Research institute of Petroleum processing, SINOPEC),Huayuan Zhu(Hunan Jianchang petrochemical co. ltd., SINOPEC)
609	P-519	2006/7/28	Atsushi Ishihara	Tokyo University of Agriculture and Technology	Japan	Sulfur behavior on Mo-based HDS catalysts supported on high surface area TiO ₂ by ³⁵ S radioisotope tracer method	Franck Dumeignil(Tokyo University of Agriculture and Technology),Danhong Wang(Tokyo University of Agriculture and Technology),Eika Weihua Qian(Tokyo University of Agriculture and Technology),Toshiaki Kabe(Tokyo University of Agriculture and Technology),Shinichi Inoue(Chiyoda corporation),Akinori Muto(Chiyoda corporation)
610	IO-A21	2006/7/27	GEANTET Christophe	CNRS	France	Activation of hydrotreating catalysts under industrial conditions: mechanism and key parameters.	Nguyen Thanh Son,Cholley Thierry(Total),Schweich Daniel(CNRS),Lacroix Michel(CNRS)
612	P-312	2006/7/26	Zhaomin Hou	The Institute of Physical and Chemical Research(Riken)	Japan	Unprecedented Catalytic Addition of Terminal Alkynes to Carbodiimides by Half-Sandwich Rare Earth Metal Complexes	Wen-Xiong Zhang(The Institute of Physical and Chemical Research(Riken)),Masayoshi Nishiura(The Institute of Physical and Chemical Research(Riken))
613	PI-408	2006/7/27	Nawal Kishor Mal	Sony Corporation	Japan	High proton conducting membrane from sulfonic acid containing mesostructured porous silica for fuel cell technology	Koichiro Hinokuma(Sony Corporation)
614	P-227	2006/7/25	Nawal Kishor Mal	Sony Corporation	Japan	Syntheses of novel mesoporous hybrid iron oxophenylphosphate using anionic surfactant and catalytic activity of sulfonated hybrid oxophosphate	Masahiro Fujiwara(National Institute of Advanced Industrial Science and Technology)
615	P-108	2006/7/24	Wang-Jae Chun	Catalysis Research Center, Hokkaido University	Japan	Metal on Oxides –Chemical and Structural Aspects for their Interaction.	Yuichiro Koike(Catalysis Research Center, Hokkaido University),Kei-suke Fujikawa(Catalysis Research Center, Hokkaido University),Hidenori Ashima(Catalysis Research Center, Hokkaido University),Shushi Suzuki(Catalysis Research Center, Hokkaido University),Kaoru Ijima(Department of Electronic Engineering, Yamanashi University),Kiyotaka Asakura(Catalysis Research Center, Hokkaido University),Yasuhiro Iwasawa(Department of Chemistry, The University of Tokyo)

616	IO-A07	2006/7/25	Tsutomu SHIKADA	DME Development Co., Ltd	Japan	New Direct Synthesis Technology of Dimethyl Ether	Yasuo MIYOSHI(DME Development Co., Ltd), Yasuhiro MOGI(DME Development Co., Ltd), Norio INOUE(DME Development Co., Ltd), Yotaro OHNO(DME Development Co., Ltd)
619	P-155	2006/7/24	Kiyotaka Asakura	Catalysis Research Center, Hokkaido University	Japan	Possibilities for in-situ Chemical Imaging in a Nano-Order Scale	Hironobu Niimi(Catalysis Research Center, Hokkaido University), Takeshi Miyamoto(Catalysis Research Center, Hokkaido University), Tetsuya Tsutsumi(Catalysis Research Center, Hokkaido University), Shushi Suzuki(Catalysis Research Center, Hokkaido University), Wang-Jae Chun(Catalysis Research Center, Hokkaido University), Yuichiro Koike(Catalysis Research Center, Hokkaido University), Motohiro Nakamura(Catalysis Research Center, Hokkaido University), Kumiko Kinoshita(Catalysis Research Center, Hokkaido University), Nobuaki Matsudaira(Catalysis Research Center, Hokkaido University)
620	P-521	2006/7/28	Seiji Yamazoe	Kyoto University	Japan	Ammonia Photo-oxidation over TiO ₂ Photocatalyst	Tsunehiro Tanaka(Kyoto University), Taro Okumura(Kyoto University)
621	IO-A04	2006/7/25	Rajiv Banavali	Rohm and Haas Company	USA	New Thermally Stable Amberlyst TM Catalyst for the Synthesis of Fine Chemicals	
622	P-313	2006/7/26	Zhaomin Hou	Riken (The Institute of Physical and Chemical Research)	Japan	Regio- and Stereospecific Polymerization of Isoprene Catalyzed by Cationic Rare Earth Metal Alkyl Species	Lixin Zhang(Organometallic Chemistry Laboratory, RIKEN (The Institute of Physical and Chemical Research)), Toshiaki Suzuki(Organometallic Chemistry Laboratory, RIKEN (The Institute of Physical and Chemical Research)), Zhaomin Hou(Organometallic Chemistry Laboratory, RIKEN (The Institute of Physical and Chemical Research))
624	P-418	2006/7/27	Kazuyuki Nakai	BEL JAPAN, Inc.	Japan	Porous Texture of MFI Zeolites with Different Al Contents	Hiromitsu Naono(BEL JAPAN, Inc.), Masako Hakuman(BEL JAPAN, Inc.)
625	IO-A11	2006/7/26	Narendra Kumar	Laboratory of Industrial Chemistry, Åbo Akademi University	FINLAND	Pt- Modified MCM-22, ZSM-5 and Beta Zeolite Catalysts for n-Butane Isomerization: Influence of Structure, Acidity and Pt Modifications	
626	O-C29	2006/7/27	Sang Heup Moon	Seoul National University	Korea	Performance of NiMoS/Al ₂ O ₃ catalysts prepared by the selective deposition of Ni on MoS ₂ /Al ₂ O ₃ in the hydrodesulfurization of dibenzothiophene	Ara Cho(Seoul National University), Jae Hyun Koh(Seoul National University)

629	P-235	2006/7/25	Yoshihiro Sugi	Gifu university	Japan	The chloromethylation of aromatic hydrocarbons catalyzed by strong organic acids	Tohru Kishida(Nissei Kagaku Kogyosho),Takayoshi Yamauchi(Nissei Kagaku Kogyosho),Kenichi Komura(Gifu university)
630	PI-410	2006/7/27	Tetsuya Takemoto	Osaka Gas Co., Ltd.	Japan	Development of a highly-active DME steam reforming catalyst and reforming system for fuel cell	Naohiko Matsuda(Mitsubishi Heavy Industries, Ltd.),Hiroshi Hashimoto(JGC corporation),Kengo Tsukahara(Mitsubishi Gas Chemical Co., Inc.),Osamu Okada(Renaissance Energy Research Corporation),Shinichi Suzuki(Japan Oil, Gas and Metals National Corporation.)
631	P-314	2006/7/26	Hiroshi Yamashita	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Pd complex-catalyzed hydrosilylation polymerization of tri- or dihydrosilanes with diynes affording silylene-vinylene polycarbosilanes	Venkateshwar Rao Tumula(National Institute of Advanced Industrial Science and Technology (AIST)),Yuko Uchimarui(National Institute of Advanced Industrial Science and Technology (AIST)),Jun-ichi Sugiyama(National Institute of Advanced Industrial Science and Technology (AIST)),Kazuhiko Takeuchi(National Institute of Advanced Industrial Science and Technology (AIST))
638	P-381	2006/7/26	Hisahiro Einaga	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Preparation of PVP-stabilized platinum nanoparticles and their deposition on TiO ₂ photocatalyst	Masafumi Harada(Nara Women's University)
639	P-228	2006/7/25	Kensaku Takanashi	Keio Univesity	Japan	Metal Assembling and Clusterization in Dendritic Polyphenylazomethines	Kimihisa Yamamoto(Keio Univesity)
641	PI-227	2006/7/25	Kanichiro Inui	CHISSO PETROCHEMICAL CORPORATION	Japan	Dehydrogenative esterification over copper-based catalyst	Toru Kurabayashi(CHISSO PETROCHEMICAL CORPORATION)
643	P-229	2006/7/25	Xue Duan	Ministry of Education Key Laboratory of Science and Technology of Controllable Chemical Reactions, Beijing University of Chemical Technology	China	Study on preparation, characterization and catalytic behavior of trans-RhCl(CO)(TPPTS) ₂ -intercalated layered double hydroxides for olefin hydroformylation	Xian Zhang(Ministry of Education Key Laboratory of Science and Technology of Controllable Chemical Reactions, Beijing University of Chemical Technology),Min Wei(Ministry of Education Key Laboratory of Science and Technology of Controllable Chemical Reactions, Beijing University of Chemical Technology),David G. Evans(Ministry of Education Key Laboratory of Science and Technology of Controllable Chemical Reactions, Beijing University of Chemical Technology),Xianjun Li(Department of Chemistry, Sichuan University),Hua Chen(Department of Chemistry, Sichuan University)

646	O-C11	2006/7/25	Kazu Okumura	Tottori University	Japan	A "Heteropoly Acid-Fragment Catalyst Active in the Friedel-Crafts Alkylation	Katsuhiko Yamashita(Tottori University),Kazuhiro Yamada(Tottori University),Miki Niwa(Tottori University)
648	P-201	2006/7/25	Junji Nakamura	University of Tsukuba	Japan	Formation of Ni ₃ S ₃ clusters on a Ni(111) surface by dissociation of H ₂ S	Ken-ichi Izumi(University of Tsukuba),Akihiko Kitada(University of Tsukuba),Hidemi Hirashima(University of Tsukuba),Masamichi Yamada(University of Tokyo)
649	P-554	2006/7/28	Shigeru Nojima	Mitsubishi Heavy Industries, Ltd	Japan	Development of dimethyl ether reforming catalyst for PEFCs	Toshinobu Yasutake(Mitsubishi Heavy Industries, Ltd),Shinichi Suzuki(Japan Oil, Gas and Metals National Corporation)
650	O-A16	2006/7/28	Vladislav A Sadykov	Boreskov Institute of Catalysis	Russia	Design of structured catalysts based on metallic monoliths for syngas production via partial oxidation of natural gas	Svetlana N Pavlova(Boreskov Institute of Catalysis),Valerii A Kuzmin(Boreskov Institute of Catalysis),Zakhar Y Vostrikov(Boreskov Institute of Catalysis),Sergei F Tikhov(Boreskov Institute of Catalysis),Tatyana G Kuznetsova(Boreskov Institute of Catalysis),Valentin N Parmon(Boreskov Institute of Catalysis),Vladimir Y Ulyanitsky(Lavrentiev Institute of Hydrodynamics),Oleg F Brizitsky(Institute of Experimental Physics (VNIIEF)),Alexander P Khristolyubov(Institute of Experimental Physics (VNIIEF)),Valerii Y Terentyev(Institute of Experimental Physics (VNIIEF))
651	O-A15	2006/7/28	Norbert Steinfeldt	Institute for Applied Chemistry Berlin-Adlershof	Germany	Oxidative Propane Dehydrogenation in a Micro-Channel Reactor Kinetic Data Acquisition and Modelling	Natasha Dropka(Institute for Applied Chemistry Berlin-Adlershof),Klaus Jähnisch (Institute for Applied Chemistry Berlin-Adlershof),Manfred Baerns(Institute for Applied Chemistry Berlin-Adlershof)
652	P-382	2006/7/26	Alexis Albert EVSTRATOV	Ales High Mining School, Industrial Environment Laboratory	France	Sterilization performances of amorphous TiO ₂ cardboard and textile based photocatalysts	Cristian Vasile CHIS(Ales High Mining School, Industrial Environment Laboratory),Jean-Marie TAULEMESSE(Ales High Mining School, Material Laboratory),Pierre GAUDON(Ales High Mining School, Material Laboratory)
653	P-230	2006/7/25	Kimihisa YAMAMOTO	Department of Chemistry, Faculty of Science and Technology, Keio University	Japan	Controlled fabrication of TiO ₂ nano-dots using metal-assembling dendrimer template	Norifusa SATOH(Department of Chemistry, Faculty of Science and Technology, Keio University),Kenta KAMIKURA(Department of Chemistry, Faculty of Science and Technology, Keio University)

654	PI-239	2006/7/25	Roman Renneke	Degussa Corporation	USA	Development of Higher Performance VAM Catalysts	ShaRee McIntosh(Degussa Corporation),Venu Arunajatesan(Degussa Corporation),Marisa Cruz(Degussa Corporation),Baoshu Chen(Degussa Corporation),Thomas Tacke(Degussa AG),Hans Lansink-Rotgerink(Degussa AG),Andreas Geisselmann(Degussa AG),Ralf Mayer(Degussa AG),Uwe Rodemerck(Institute of Applied Chemistry Berlin-Adlershof),Mariana Stoyanova(Institute of Applied Chemistry Berlin-Adlershof)
655	P-383	2006/7/26	Akihiko Kudo	Department of Applied Chemistry, Faculty of Science, Science University of Tokyo	Japan	Photocatalytic activity of visible-light-driven rutile-type TiO ₂ doped with transition metals ions	Ryo Niishiro(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo),Hideki Kato(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo)
656	P-384	2006/7/26	Akihiko Kudo	Department of Applied Chemistry, Faculty of Science, Science University of Tokyo	Japan	Synthesis of nano-plate SnNb ₂ O ₆ and SnTa ₂ O ₆ by SnCl ₂ -flux treatment of layered perovskite compounds and their photocatalytic activities	Yasuhiro Hosogi(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo),Hideki Kato(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo)
657	P-567	2006/7/28	Akihiko Kudo	Science University of Tokyo	Japan	Overall water splitting under visible light irradiation using Z-scheme type photocatalysis systems	Hideki Kato(Science University of Tokyo),Yasuyoshi Sasaki(Science University of Tokyo)
658	P-362	2006/7/26	Motoki Konuma	Chiba Institute of Technology	Japan	Reactive Characteristics of Methane Plasmas Generated by Microwave Irradiation on Pt Catalyst	Hiroshi Nagazoe(Chiba Institute of Technology),Motoki Kobayashi(Chiba Institute of Technology),Tatsuaki Yamaguchi(Chiba Institute of Technology),Kaoru Onoe(Chiba Institute of Technology)
659	P-555	2006/7/28	Siglinda Perathoner	University of Messina, Dept. Ind. Chem. and Eng. Materials	Italy	Improved PEM Fuel Cell Anode Electrocatalysts based on Hierarchically Nanostructured Platinum-Carbon Materials	Miriam Gangeri(University of Messina, Dept. Ind. Chem. and Eng. Materials),Gabriele Centi(University of Messina, Dept. Ind. Chem. and Eng. Materials),Ricardo Vieira(LMSPC-UMR 7515 du CNRS-U LP-ECPM 25),Cuong Pham-Huu(LMSPC-UMR 7515 du CNRS-U LP-ECPM 25),Marc J. Ledoux(LMSPC-UMR 7515 du CNRS-U LP-ECPM 25)
660	O-C18	2006/7/26	Siglinda Perathoner	Univ. Messina, Dept. Ind. Chem. and Eng. Materials	Italy	Preparation of TiO ₂ Nanopillar and Nanotube Array Thin Films	Rosalba Passalacqua(Univ. Messina, Dept. Ind. Chem. and Eng. Materials),Gabriele Centi(Univ. Messina, Dept. Ind. Chem. and Eng. Materials),Dangshen S. Su(Dept. Inorg. Chem., Fritz Haber Inst. of the Max Planck Soc.),Gisela Weinberg(Dept. Inorg. Chem., Fritz Haber Inst. of the Max Planck Soc.),Robert Schlogl(Dept. Inorg. Chem., Fritz Haber Inst. of the Max Planck Soc.)

661	O-B08	2006/7/24	Yong Lu	East China Normal University	China	A high sulfur tolerant Pt/Ce0.8Gd0.2O1.9 catalyst for steam reforming of liquid hydrocarbons in PEMFC applications	Jinchun Chen(),Qingsong Xue,Ye Liu,Mingyuan He
662	PI-406	2006/7/27	Makoto Harada	Teikoku Oil CO.,LTD	Japan	Partial Oxidation of Synthesis Gas in the Dense Perovskite Membrane Reactor	Takashi Hayakawa(National Institute of Advanced Industrial Science and Technology),Michikazu Hara(Tokyo Institute of Technology),Kazunari Domen(The Univesity of Tokyo),Junko Nomura Kondo(Tokyo Institute of Technology)
663	PI-402	2006/7/27	Makoto Harada	Teikoku Oil CO.,LTD	Japan	Dry Autothermal Reaction(ATR) for Synthesis Gas Production on the MgAlOX Supported Catalyst	Mieko Inaba(Teikoku Oil CO.,LTD),Michikazu Hara(Tokyo Institute of Technology),Kazunari Domen(The Univesity of Tokyo)
664	P-231	2006/7/25	Jeffrey C. S. Wu	Department of Chemical Engineering, National Taiwan University	Taiwan	A Novel Bimetallic PtFe/BN Catalyst for Selective Hydrogenation of Crotonaldehyde	Tai-Shin Cheng(Department of Chemical Engineering, National Taiwan University)
665	PI-403	2006/7/27	Makoto Harada	Teikoku Oil CO.,LTD	Japan	Lantan or Magnesia Oxide loaded Nikel Steam Reforming Catalyst on Al2O3	Takashi Tatsumi(Tokyo Institute of Technology),Michikazu Hara(Tokyo Institute of Technology),Kazunari Domen(The Univesity of Tokyo),Junko Nomura Kondo(Tokyo Institute of Technology)
667	O-C10	2006/7/25	Hideshi Hattori		Japan	Tracer study of skeletal isomerization of cyclohexane and butane over WO3/ZrO2 catalyst	Katsuyoshi Kotoku(Hokkaido University),Misuzu Miyata(Hokkaido University)
668	P-505	2006/7/28	Naotsugu Itoh	Department of Applied Chemistry, Utsunomiya University	Japan	Effect of separation of hydrogen on the dehydrogenation of unsaturated alcohols with a palladium membrane reactor	Takafumi Sato(Department of Applied Chemistry, Utsunomiya University),Hiroyuki Yokoyama(Department of Applied Chemistry, Utsunomiya University),Hideaki Miki(Research and Development Center, Zeon Corporation)
669	O-C31	2006/7/27	Hongmei Liu	Tsinghua University	China	Efficient Hydrogen Production via Stepwisd Steam Reforming of Methane Using Ni/ZrO2 Nanaocomposite Catalyst	Qing Ye(Tsinghua University),Bo-Qing Xu(Tsinghua University)
670	P-212	2006/7/25	Takakafumi Miyazaki	Ehime University	Japan	Ultraviolet photoemission spectra of LiNi1-xMxO2 (M=Ti, Mn)	Daisuke Yoshimura(Institutes for Molecular Science),Koji Okudaira(Institutes for Molecular Science),Tsutomu Yamaguchi(Ehime University)

671	P-556	2006/7/28	Valentina Il' inichna Simagina	Boreskov Institute of Catalysis SB RAN	Russia	DEVELOPMENT OF THE CATALYSTS FOR PORTABLE HYDROGEN GENERATORS	Olga Vladimirovna Netskina(Boreskov Institute of Catalysis SB RAN),Oksana Valentinovna Komova(Boreskov Institute of Catalysis SB RAN)
672	O-C25	2006/7/26	Leny Yuliati	Nagoya University	Japan	Photocatalytic direct conversion of methane on silica-titania catalysts	Hideaki Itoh(Nagoya University),Hisao Yoshida(Nagoya University)
673	P-568	2006/7/28	Hisao Yoshida	Nagoya University	Japan	Independently highly dispersed cerium and titanium oxides on silica as active species for photocatalytically non-oxidative direct methane coupling	Leny Yuliati(Nagoya University),Hideaki Itoh(Nagoya University)
675	P-232	2006/7/25	jihong zhou	RESEARCH INSTITUTE OF PETROLEUM PROCESSING	P.R.CHINA	HYDROTHERMAL SYNTHESIS A γ -ZEOLITE-CONTAINING COMPOSITE MATERIAL FROM KAOLIN	
678	O-C33	2006/7/27	Bo-Qing Xu	Tsinghua University	China	Performance Control of Hydrogenation Catalysis by Regulating the Percentage of Cationic Gold in Au/ZrO ₂ Catalyst	Xin Zhang(Tsinghua University),Hui Shi(Tsinghua University)
679	P-506	2006/7/28	Koichi Sato	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Effect of preparation method of Pd membrane for direct hydroxylation of aromatic compounds	Satoshi Hamakawa(National Institute of Advanced Industrial Science and Technology (AIST)),Taka-aki Hanaoka(National Institute of Advanced Industrial Science and Technology (AIST)),David A.Pacheco Tanaka(National Institute of Advanced Industrial Science and Technology (AIST)),Toshishige M Suzuki(National Institute of Advanced Industrial Science and Technology (AIST)),Fujio Mizukami(National Institute of Advanced Industrial Science and Technology (AIST))
680	P-419	2006/7/27	Yang Li	Research Institute of Petroleum Processing, Sinopec	China	Highly selective conversion of olefins in gasoline to propylene in monolithic reactors	Zhenfu He(Research Institute of Petroleum Processing, Sinopec),Huiping Tian(Research Institute of Petroleum Processing, Sinopec),Qian Shao(Research Institute of Petroleum Processing, Sinopec)
682	PI-236	2006/7/25	Koji Hasegawa	N.E.CHEMCAT CORPORATION	Japan	Effect of amphoteric hydroxides on dispersion of particles on silica support	Atsushi Inoue(N.E.CHEMCAT CORPORATION),Hiroshi Yamamoto(N.E.CHEMCAT CORPORATION)

683	P-569	2006/7/28	Akihideo Kudo	Department of Applied Chemistry, Faculty of Science, Science University of Tokyo	Japan	Nanosized gold particles as an efficient cocatalyst for photocatalytic overall water splitting	Akihideo Iwase(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo),Hideki Kato(Department of Applied Chemistry, Faculty of Science, Science University of Tokyo)
684	O-B35	2006/7/28	Peng Wu	Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University,	China	Liquid-phase ammoxidation over Ti-MWW: high efficiency, reaction conditions and mechanism	Fen Song(Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University,),Yueming Liu(Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University,),Haihong Wu(Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University,),Minyuan He(Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East China Normal University,),Weibin Fan(Chemical Resources Laboratory, Tokyo Institute of Technology,).Takashi Tatsumi(Chemical Resources Laboratory, Tokyo Institute of Technology,)
685	P-233	2006/7/25	Takanori Miyake	Kansai University, Faculty of Engineering	Japan	Hydrothermal synthesis of La _{1-x} Sr _x MO ₃ (M=Mn, Fe, Co) perovskites and their catalytic performance for methane oxidation	Shouta Ikeda(Kansai University, Faculty of Engineering),Masaki Kobayashi(Kansai University, Faculty of Engineering),Shingo Ikeda(Kansai University, Faculty of Engineering),Makoto Sano(Kansai University, Faculty of Engineering)
686	P-213	2006/7/25	Jun P Takahara	Mitsubishi Chemical	Japan	The Synthesis of 1,3-Propanediol via Oxidation of Acrolein	Hans Lempers(Rainbow Oxidation)
687	PI-418	2006/7/27	Takehide Homma	Nippon Ketjen Co.,Ltd	Japan	Development of FCC pretreatment catalyst with highly HDN activity	Tatsuji Nishijima(Nippon Ketjen Co.,Ltd),Satoshi Abe(Nippon Ketjen Co.,Ltd)
688	O-C30	2006/7/27	Can Li	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	China	Ultra-deep Desulfurization of Diesel by Selective Oxidation with Catalysts Assembled in Emulsion Droplets	Hongying Lu Jinbo Gao (Chinese Academy of Sciences)
689	P-202	2006/7/25	Can Li	State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences,	China	The surface phase of TiO ₂ and its transformation studied by UV Raman spectroscopy	Jing Zhang(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences,)

690	P-234	2006/7/25	Can Li	State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences	China	Periodic Mesoporous Ethane-Silicas Functionalized with Chiral Molecules	Dong Mei Jiang(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences)
691	P-570	2006/7/28	Yugo Miseki	Science University of Tokyo	Japan	Water Splitting into H ₂ and O ₂ over Alkali Niobate and Tantalate Photocatalysts	Hideki Kato(Science University of Tokyo),Akihiko Kudo(Science University of Tokyo)
692	P-408	2006/7/27	Sanshiro Komiya	Tokyo University of Agriculture and Technology	Japan	Catalytic carbonylation of thietanes and copolymerization of aziridines and CO with heterodinuclear organoplatinum(or -palladium)-cobalt complexes	Shin-ichi Tanaka(Tokyo University of Agriculture and Technology),Susumu Tsutsuminai(Tokyo University of Agriculture and Technology),Hiroto Nagasawa(Tokyo University of Agriculture and Technology),Nobuyuki Komine(Tokyo University of Agriculture and Technology),Masafumi Hirano(Tokyo University of Agriculture and Technology)
693	IO-A15	2006/7/26	Wataru Sahara	Nippon Oil Corporation	Japan	Simulation Model of FCC Gasoline Hydrodesulfurization	Koji Shimada(Nippon Oil Corporation),Eitaro Morita(Nippon Oil Corporation),Shigeto Hatanaka(Nippon Oil Corporation)
695	P-557	2006/7/28	Kimio Kunimori	Institute of Material Science, University of Tsukuba	Japan	Preferential CO oxidation promoted by the presence of H ₂ over K-Pt/Al ₂ O ₃	Masatoshi Kuriyama(Institute of Material Science, University of Tsukuba),Yuji Minemura(Institute of Material Science, University of Tsukuba),Shin-ichi Ito(Institute of Material Science, University of Tsukuba),Keiichi Tomishige(Institute of Material Science, University of Tsukuba)
696	O-A05	2006/7/24	Noritaka Mizuno	The University of Tokyo	Japan	Formation of S-Shaped Disilicoeicosatungstate (W ₂₀) and the Efficient Baeyer-Villiger Oxidation with Hydrogen Peroxide	Akihiro Yoshida(The University of Tokyo),Kazuhiro Uehara(Japan Science and Technology Agency (JST)),Shiro Hikichi(The University of Tokyo)
697	O-C34	2006/7/27	Christopher W Jones	Georgia Institute of Technology	USA	A New Strategy for Engineering One-Pot, Multi-Step Reaction Sequences with Catalyst Recovery in Pure Form	Nam T. S. Phan(Georgia Institute of Technology),Christopher S. Gill(Georgia Institute of Technology),Z. John Zhang(Georgia Institute of Technology)
698	P-522	2006/7/28	Takashi Aida	Department of Chemical Engineering, Tokyo Institute of Technology	Japan	SO ₂ Storage by CuTa ₂ O ₆ and its Derivatives - Synergetic Oxidative Sorption-	Masayuki Toyota(Department of Chemical Engineering, Tokyo Institute of Technology)

699	O-A06	2006/7/24	Enrique Iglesia	University of California at Berkeley	USA	Selective Carbonylation of Dimethyl Ether to Methyl Acetate on Acidic Zeolites	
700	P-315	2006/7/26	Kimio Kunimori	Institute of Materials Science, University of Tsukuba	Japan	Promoting effect of V and Mo on alcohol formation in hydroformylation of olefin on Rh/SiO ₂	Ippei Furukado(Institute of Materials Science, University of Tsukuba),Shin-ichi Ito(Institute of Materials Science, University of Tsukuba),Keiichi Tomishige(Institute of Materials Science, University of Tsukuba)
701	P-316	2006/7/26	Kenji Wada	Dept. Energy Hydrocarbon Chem., Kyoto University	Japan	Preparation of Novel Ti-Containing Silsesquioxane-Based Heterogeneous Catalysts for the Epoxidation of Alkenes	Naoki Watanabe(Dept. Energy Hydrocarbon Chem., Kyoto University),Shingo Yamamoto(Dept. Energy Hydrocarbon Chem., Kyoto University),Teruyuki Kondo(Dept. Energy Hydrocarbon Chem., Kyoto University),Take-aki Mitsudo(Dept. Energy Hydrocarbon Chem., Kyoto University)
702	P-236	2006/7/25	Keiichi Tomishige	Institute of Materials Science, University of Tsukuba	Japan	Highly active Ru/C + an ion-exchange resin in glycerol hydrogenolysis under mild reaction conditions	Tomohisa Miyazawa(Institute of Materials Science, University of Tsukuba),Yohei Kusunoki(Institute of Materials Science, University of Tsukuba),Kimio Kunimori(Institute of Materials Science, University of Tsukuba)
704	P-549	2006/7/28	Keiichi Tomishige	Institute of Materials Science, University of Tsukuba	Japan	Catalytic performance of supported Ni catalysts in steam reforming of tar derived from the pyrolysis of wood biomass	Jin Nishikawa(Institute of Materials Science, University of Tsukuba),Takeo Kimura(Institute of Materials Science, University of Tsukuba),Tomohisa Miyazawa(Institute of Materials Science, University of Tsukuba),Kimio Kunimori(Institute of Materials Science, University of Tsukuba)
705	P-571	2006/7/28	Terufumi Okumura	Keio University	Japan	Enhancement of photocatalytic activity with loading of platinum on nitrogen-doped titania from titanil sulfate and urea	Yasuhiro Kinoshita,Hiroaki Imai(Keio University)
706	P-558	2006/7/28	Koichi Eguchi	Kyoto University	Japan	DME steam reforming over composite catalysts of Cu-based spinel and gamma-Al ₂ O ₃ : effect of a third metal component in Cu-based Fe-rich spinel catalysts	Kajornsak Faungnawakij(Japan Science and Technology Agency (JST), Kyoto),Ryuji Kikuchi(Kyoto University),Shunichiro Kawashima(Japan Science and Technology Agency (JST), Kyoto),Tetsuya Fukunaga(Idemitsu Kosan Co., Ltd., Japan),Yohei Tanaka(Kyoto University),Naohiro Shimoda(Kyoto University)
707	PI-237	2006/7/25	shouji inose	Honda R/D Co.,Ltd.Tochigi R/D Center Engineering Research Department M1	Japan	Research for High Concentration of Precious Metal and Thin Layer of Catalyst Top Layer	tatsuya okayama(Honda R/D Co.,Ltd.Tochigi R/D Center Engineering Research Department M1)

708	P-523	2006/7/28	Md. Azhar Uddin	Faculty of Environmental Science and Technology, Okayama University	Japan	Low Temperature Selective Catalytic Reduction of NO _x with NH ₃ over TiO ₂ Prepared by Template Method	Koji Ishibe(Faculty of Environmental Science and Technology, Okayama University),Koichiro Shimizu(Faculty of Environmental Science and Technology, Okayama University),Eiji Sasaoka(Faculty of Environmental Science and Technology, Okayama University)
709	P-559	2006/7/28	Yusuke Yamada	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Combinatorial catalysis for the steam reforming of DME and EtOH	Atsushi Ueda(National Institute of Advanced Industrial Science and Technology (AIST)),Tetsuo Umegaki(National Institute of Advanced Industrial Science and Technology (AIST)),Hiroshi Shioyama(National Institute of Advanced Industrial Science and Technology (AIST)),Nobuhiro Kuriyama(National Institute of Advanced Industrial Science and Technology (AIST)),Tetsuhiko Kobayashi(National Institute of Advanced Industrial Science and Technology (AIST))
710	P-409	2006/7/27	Kotohiro Nomura	Graduate School of Materials Science, Nara Institute of Science and Technology	Japan	Synthesis, Characterization of Polymer-Supported Nonbridged Half-Titanocenes and their Use in Catalysis for Olefin Polymerization	Boonyarach KITTYANAN(Graduate School of Materials Science, Nara Institute of Science and Technology)
711	P-560	2006/7/28	Toshiaki Matsui	Graduate School of Engineering, Kyoto University	Japan	Chemical Interaction between Pt and SnO ₂ and Influence on Adsorptive Properties of Carbon Monoxide	Takeoh Okanishi(Kyoto university),Tatsuya Takeguchi(Catalysis Research Center, Hokkaido University),Ryuji Kikuchi(Kyoto university),Koichi Eguchi(Kyoto university)
712	P-156	2006/7/24	Akira Yamakata	Catalysis Research Center, Hokkaido Univ.	Japan	Picosecond time-resolved measurements on electrode surface studied by surface-enhanced IR absorption	Jun Kubota(Chemical Resources Laboratory, Tokyo Institute of Technology),Masatoshi Osawa(Catalysis Research Center, Hokkaido Univ.)
713	P-214	2006/7/25	Albert Sacco, Jr.	Center for Advanced Microgravity Materials Processing, Northeastern University	USA	ETS-10 as a Lewis acid catalyst for Hydrogen Transfer Reactions	Burcu Akata Kurc(Central Laboratory, Middle East Technical University),Bilge Yilmaz(Center for Advanced Microgravity Materials Processing, Northeastern University),
714	P-157	2006/7/24	Marc-Antoine Lelias	LCS-Ensicaen-Universite de Caen	France	Effect of NTA agent on the formation of cobalt-molybdenum sulfide phase of hydrotreating catalysts	Patricia Kooyman(DCT/NCHREM),Rob van Veen(Shell research and technology centre Amsterdam),Jacob van Gestel(LCS-Ensicaen-Universite de Caen),Francoise Mauge(LCS-Ensicaen-Universite de Caen)

715	P-507	2006/7/28	Satoshi Hamakawa	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Partial oxidation of methane by using one component ceramic membrane reactors	Koichi Sato(National Institute of Advanced Industrial Science and Technology (AIST)),Tomoya Inoue(National Institute of Advanced Industrial Science and Technology (AIST)),Fuji Mizukami(National Institute of Advanced Industrial Science and Technology (AIST))
716	P-572	2006/7/28	Akira Sasahara	Japan Science and Technology Agency	Japan	Local work function on Pt-deposited TiO ₂ surface	Chi Lun Pang(Department of Chemistry, University of Kobe),Hiroshi Onishi(Department of Chemistry, University of Kobe)
718	P-215	2006/7/25	Kenji Tabata	Department of Chemistry, Faculty of Engineering, University of Miyazaki	Japan	Methanol synthesis in a sub-nanometer reaction zone over Ge/SnO ₂	Junichi Kukiwara(Department of Applied Chemistry, Faculty of Engineering, University of Miyazaki),Tomokazu Katou(Department of Applied Chemistry, Faculty of Engineering, University of Miyazaki),Ken Tutumi(Nara Institute of Science and Technology),Tatsuaki Yashima(Department of Applied Chemistry, Faculty of Engineering, University of Miyazaki)
719	P-211	2006/7/25	Satoru Nishiyama	Center for Environmental Management, Kobe University	Japan	Selective Reduction of Unsaturated Carbonyl Compounds over Tin and Zirconium Oxide Catalysts – Dispersion of Oxides on the Supports and Activity –	Akiko Izumi(Faculty of Engineering, Kobe University),Keiji Takagi(Faculty of Engineering, Kobe University),Toshihiko Odagawa(Faculty of Engineering, Kobe University),Yuichi Ichihashi(Faculty of Engineering, Kobe University),Shigeru Tsuruya(Faculty of Engineering, Kobe University)
720	P-317	2006/7/26	Hideaki Yoshitake	Yokohama National University	Japan	Bulk phase transition and catalysis of mesoporous titania-supported tungsten oxide catalysts	Shinnosuke Hemmi(Yokohama National University),Yukari Eguchi(Yokohama National University)
721	P-364	2006/7/26	Toshiaki Sasaki	Institute of Materials Science, University of Tsukuba	Japan	Promoting effect of energy excitation of methane molecule in partial oxidation of methane over metal surfaces	Kenji Nakao(Institute of Materials Science, University of Tsukuba),Shin-ichi Ito(Institute of Materials Science, University of Tsukuba),Keiichi Tomishige(Institute of Materials Science, University of Tsukuba),Kimio Kunimori(Institute of Materials Science, University of Tsukuba)
722	P-410	2006/7/27	Takeshi Shiono	Graduate School of Engineering, Hiroshima University.	Japan	Effects of Propylene Pressure in Highly-Active Syndiospecific Living Polymerization of Propylene	Zhengguo Cai(Graduate School of Engineering, Hiroshima University.),Yuushou Nkayama(Graduate School of Engineering, Hiroshima University.)
723	P-365	2006/7/26	Ademola Misbau Rabi	University of Cape Town	South Africa	Current understanding of the elementary reaction steps of the Fischer Tropsch Synthesis	Michael Claeys(University of Cape Town),Eric van Steen(University of Cape Town)

724	P-318	2006/7/26	Masahiro Sadakane	Catalysis Research Center, Hokkaido University	Japan	Nano-sized carbon particle combustion catalyzed by three-dimensionally ordered (3DOM) macroporous perovskite-type mixed metal oxides	Nobuyasu Kato(Catalysis Research Center, Hokkaido University),Takahito Asanuma(Catalysis Research Center, Hokkaido University),Wataru Ueda(Catalysis Research Center, Hokkaido University)
725	PI-225	2006/7/25	Masaru Utsunomiya	Mitsubishi Chemical Corporation	Japan	Ruthenium-Catalyzed Dehydrogenation of 1,4-Butanediol To Gamma-Butyrolactone	Kiminori Kawakami(Mitsubishi Chemical Corporation),Kazunari Takahashi(Mitsubishi Chemical Corporation),Toshiyuki Oshiki(Okayama University),Kazuhiko Takai(Okayama University)
726	P-366	2006/7/26	Vladimir Anikeev	Boreskov Institute of catalysis	Russia	EFFECT OF NON-IDEALITY REACTION MIXTURE ON THE FISCHER-TROPSCH REACTION RATE IN SUPERCRITICAL SOLVENTS	Anna Yermakova(Boreskov Institute of catalysis)
727	P-573	2006/7/28	Noriyoshi Kakuta	Department of Materials Science, Toyohashi University of Technology	Japan	Photocatalytic and Photochromic Activities of Nano-sized AgBr Crystallites	Toru Katagiri(Department of Materials Science, Toyohashi University of Technology),Fumiyoshi Kondo(Department of Materials Science, Toyohashi University of Technology),Hironobu Ohkita(Department of Materials Science, Toyohashi University of Technology),Takanori Mizushima(Department of Materials Science, Toyohashi University of Technology),Atsunori Matsuda(Department of Materials Science, Toyohashi University of Technology)
728	P-524	2006/7/28	Hisahiro Einaga	National Institute of Advanced Industrial Science and Technology	Japan	Benzene oxidation with ozone over supported manganese oxide catalysts: effect of catalyst support, reaction temperature and water vapor	Shigeru Futamura(National Institute of Advanced Industrial Science and Technology)
729	PI-202	2006/7/25	Lunjia Xie	Beijing Research Institute of Chemical Industry, SINOPEC	China	TRIALKYSILOXY-ETHERS AS NEW EXTERNAL DONORS IN THE ZIEGLER-NATTA CATALYST	Mingzhi Gao(Beijing Research Institute of Chemical Industry, SINOPEC),Siyuan Zhao(Beijing Research Institute of Chemical Industry, SINOPEC),Jing Ma(Beijing Research Institute of Chemical Industry, SINOPEC),Zhufang Sun(Beijing Research Institute of Chemical Industry, SINOPEC),Tianyi Li(Beijing Research Institute of Chemical Industry, SINOPEC)
730	P-561	2006/7/28	Masakazu Ikeda	Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation	Japan	Supply of Hydrogen from Liquid Organic Hydrides to Fuel Cells by Palladium Membrane Reactor Combined with Catalytic Heat Exchanger	Toshiyuki Enomoto(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation),Yoshihiro Kobori(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation),Takaya Matsumoto(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation),Yukio Kobayashi(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation),Yasuyuki Iwasa(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation),Michiaki Adachi(Hydrogen and New Energy Research Laboratory, Nippon Oil Corporation)

731	O-C12	2006/7/25	Emiel Hensen	Schuit Institute of Catalysis	The Netherlands	On-purpose propene production: evaluation of Brønsted and Lewis acid sites for propane dehydrogenation and olefin cracking	Neelesh Rane(Schuit Institute of Catalysis),Vladimir Kazansky(Zelinsky Institute of Organic Chemistry),Rutger van Santen(Schuit Institute of Catalysis)
732	O-B34	2006/7/27	Masakazu Iwamoto	Chemical Resources Laboratory, Tokyo Institute of Technology	Japan	Cis-selective dihydroxylation of 1-phenylcyclohexene oxide derivatives over mesoporous silica catalyst	Haruro Ishitani(Chemical Resources Laboratory, Tokyo Institute of Technology),Hiroshi Kadoma(Chemical Resources Laboratory, Tokyo Institute of Technology),Akihiro Matsumoto
733	P-420	2006/7/27	Kuei-jung Chao	Tsinghua University	Taiwan	Coassembly Synthesis of Mesoporous Silica Materials Containing Pd Nanoparticles	Lu-Chih Wang(Tsinghua University),Ching-Ya Huang(Tsinghua University),Yen-Po Chang(Industrial Technology Research Institute)
734	P-562	2006/7/28	Masaru Ichikawa	Hokkaido University	Japan	Fabrication of metal nanowires and nanoparticles in mesoporous silica templates and their catalysis in PROX reaction	Jun-ichi Kimura(Hokkaido University),Takanori Higuchi(Hokkaido University),Tadashi Oshio(),Atsushi Fukuoka(Hokkaido University)
735	O-B37	2006/7/28	Wei Zheng Weng	Department of Chemistry, Xiamen University	China	In situ Raman characterization on the Rh/Al ₂ O ₃ calcined at different temperature for methane partial oxidation to syngas	Xiao Qing Pei(Department of Chemistry, Xiamen University),Jian Mei Li(Department of Chemistry, Xiamen University),Chuan Jing Huang(Department of Chemistry, Xiamen University),Hui Lin Wan(Department of Chemistry, Xiamen University)
736	O-B15	2006/7/25	Marco Daturi	Laboratoire Catalyse et Spectrochimie, LCS	France	Catalytic production of H ₂ : Evidences of steam reforming mechanisms via operando IR spectroscopy	Christelle Verrier(LCS),Olivier Marie(LCS),Philippe Bazin(LCS)
737	P-574	2006/7/28	Ryu Abe	Catalysis Research Center, Hokkaido University	Japan	A new photocatalytic water splitting system composed of two different photocatalysts and an iodate/iodide shuttle redox mediator	Kazuhiro Sayama(National Institute of Advanced Industrial Science and Technology),Hideki Sugihara(National Institute of Advanced Industrial Science and Technology),Bunsho Ohtani(Catalysis Research Center, Hokkaido University),Kazunari Domen(The University of Tokyo)
738	P-319	2006/7/26	Masaru Ogura	Institute of Industrial Science, The University of Tokyo	Japan	Investigation on the catalytic performance of ZMM-n: zeolitic mesoporous materials obtained by vapor-phase transport	

739	O-B33	2006/7/27	Hiroaki Murata	Chemical Resources Laboratory, Tokyo Institute of Technology	Japan	Dihydropyrimidinone syntheses through multi-component condensation on mesoporous silica catalysts	Masakazu Iwamoto(Chemical Resources Laboratory, Tokyo Institute of Technology),Harurou Ishitani(Chemical Resources Laboratory, Tokyo Institute of Technology)
741	PI-425	2006/7/27	Toshiaki Okuhara	Nippon Oil Corporation	Japan	Demonstration Plant for Novel High Severity Fluid Catalytic Cracking (HS-FCC) Process	Yuichiro Fujiyama(Nippon Oil Corporation),Halim Hamid Redhwi(King Fahd University of Petroleum and Minerals),Christpher Dean(Saudi Aramco)
742	O-C23	2006/7/26	Tsunehiro Tanaka	Department of Molecular Engineering, Kyoto Univeristy	Japan	Reaction Intermediates and Active Species in Oxidation of Alkanes over V2O5/Al2O3 Photocatalyst	Tomohiro Hosokawa(Department of Molecular Engineering, Kyoto Univeristy),Kentaro Teramura(Department of Chemical System Engineering, the University of Tokyo)
743	O-B28	2006/7/27	Asim Bhaumik	Indian Association for the Cultivation of Science	India	Mesoporous silicotinphosphates with high anion exchange capacity	Nawal Kishor Mal(SONY Corporation),Debraj Chandra(Indian Association for the Cultivation of Science)
744	P-550	2006/7/28	Qiang XU	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Catalytic dissociation and hydrolysis of aqueous ammonia-borane at room temperature for portable hydrogen generation	Manish CHANDRA(National Institute of Advanced Industrial Science and Technology (AIST))
745	P-525	2006/7/28	Akifumi Ueno	Faculty of Engineering, Shizuoka University	Japan	Catalytic recovery of formaldehyde from poly-oxymethylene	Tomoaki Itoh(Faculty of Engineering, Shizuoka University)
747	P-575	2006/7/28	Akira Nakabayashi	Asahi Kasei Chemicals Co., LTD.	Japan	Investigation of Dehydrogenation between H-Siloxane and Ti-OH on TiO2	Junko Nomura Kondo(Tokyo Institute of Technology),Michikazu Hara(Tokyo Institute of Technology),Kazunari Domen(The University of Tokyo)

748	P-526	2006/7/28	Isao Nakamura	Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)	Japan	Reaction properties between NO and CO on Ir(111) and Rh(111)	Yukihiro Kobayashi(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Kouta Suzuki(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Masaaki Haneda(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Hideaki Hamada(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST)),Tadahiro Fujitani(Research Institute for Innovation in Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST))
751	P-406	2006/7/27	Masakazu Toda	Tokyo Institute of Technology	Japan	Acid catalysis of fluorinated carbon-based solid acid	Mai Okamura(Tokyo Institute of Technology),Atsushi Takagaki(Tokyo Institute of Technology),Junko Nomura Kondo(Tokyo Institute of Technology),Kazunari Domen(The University of Tokyo),Takashi Tatumi(Tokyo Institute of Technology),Shigenobu Hayashi(National Institute of Advanced Industrial Science and Technology),Michikazu Hara(Tokyo Institute of Technology)
752	PI-214	2006/7/25	Can Li	State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences	China	Heterogeneous Asymmetric Diels-Alder Reactions and Mechanistic studies on the Reversal of Enantioselectivity	Hong Wang(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, P. O. BOX 110, Dalian 116023, China),Xiaoqing Liu(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, P. O. BOX 110, Dalian 116023, China),Haian Xia(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, P. O. BOX 110, Dalian 116023, China),Jianliang Xiao(Department of Chemistry, University of Liverpool, Liverpool L69 7ZD, UK)
753	P-563	2006/7/28	Tatsuya Takeguchi	Catalysis Research Center, Hokkaido University	Japan	Electrochemical property of the Ni cermet anode catalyst prepared from nano-particle CeO ₂ -Y ₂ O ₃ -ZrO ₂ solid solutions for SOFC	Norikazu Yamamoto(Catalysis Research Center, Hokkaido University),Wataru Ueda(Catalysis Research Center, Hokkaido University)
754	P-320	2006/7/26	Shu-Hua Chien	Academia Sinica	Taiwan	TiO ₂ -modified Al-SBA-15 for photocatalytic decomposition of nitric oxide	Kuan-Chun Huang(Academia Sinica),Ming-Chih Kuo(Academia Sinica)
755	PI-223	2006/7/25	Takashi Tsuchida	Central Research Center, SANGI Co. Ltd.	Japan	n-Butanol Synthesis from Ethanol on Hydroxyapatite Catalyst	Shuji Sakuma(Central Research Center, SANGI Co. Ltd.),Tatsuya Takeguchi(Catalysis Research Center, Hokkaido University),Wataru Ueda(Catalysis Research Center, Hokkaido University)

756	O-B31	2006/7/27	Sang-Eon Park	Inha University	Korea	Redox catalysis by transition metal macrocycles complex functionalized mesoporous SBA	Sujandi Sujandi(Inha University),Sang-Cheol Han(Inha University),Dae-Soo Han(Inha University)
757	P-321	2006/7/26	Sang-Eon Park	Inha University	Korea	Microwave assisted direct synthesis of highly ordered polyamines functionalized mesoporous SBA and its catalytic activity in base catalyzed reactions	Sujandi Sujandi(Inha University),Sang-Cheol Han(Inha University),Dae-Soo Han(Inha University)
758	P-322	2006/7/26	Sang-Eon Park	Inha University	Korea	Applications of Sn-containing hydrotalcite in the Baeyer-Villiger oxidation of ketones using hydrogen peroxide	Zhiqiang Yang(Inha University),Nanzhe Jiang(Inha University),Sujandi Sujandi(Inha University),Kwang-Min Choi(Inha University)
759	P-527	2006/7/28	Eika W Qian	Department of Chemical Engineering, Tokyo University of Agriculture and Technology	Japan	Selectively adsorptive desulfurization of fuel oil with zeolite adsorbents	Kosuke Matsuda,Atsuishi Ishihara
760	P-576	2006/7/28	Hidehisa Hagiwara	Kyushu University	Japan	Photocatalytic Splitting of H ₂ O into H ₂ and O ₂ on KTaO ₃ Sensitized with Organic Dye	Naoko Ono(Oita University),Hiroshige Matsumoto(Kyushu University),Tatsumi Ishihara(Kyushu University)
761	O-C16	2006/7/26	Bunsho Ohtani	Catalysis Research Center, Hokkaido University	Japan	Photoacoustic spectroscopic studies on transient absorption of titanium(IV) oxide photocatalysts	Naoya Murakami(Graduate School of Environmental Earth Science, Hokkaido University),Tsukasa Torimoto(Catalysis Research Center, Hokkaido University),Ryu Abe(Catalysis Research Center, Hokkaido University)
762	P-411	2006/7/27	Sergey Nikolaevich Gorodsky	Lomonosov State Academy of Fine Chemical Technology	Russia	The Critical Phenomena in the Dynamics of the Homogeneous Catalytic Processes	Oleg Naumovich Temkin(Lomonosov State Academy of Fine Chemical Technology),Lev Grigorievich Bruk(Lomonosov State Academy of Fine Chemical Technology)
763	O-B09	2006/7/24	Tatsumi Ishihara	Kyushu University	Japan	Highly Efficient Process for H ₂ Production from Natural Gas by Using H ₂ Permeating Membrane Reactor	Kazuhiro Nishida(Oita University),Kazutoshi Chaki(Japan Petroleum Exploration Co. Ltd),Mitoki Higashi(Kyushu University),Hiroshige Matsumoto(Kyushu University)
764	P-421	2006/7/27	Bunsho Ohtani	Catalysis Research Center, Hokkaido University	Japan	A chiral recognition ability by two-dimensional chirality of a self-assembled monolayer a quantum chemical study on structural dependency of chiral molecules	Tomohiro Nishikawa(Catalysis Research Center, Hokkaido University)

765	P-323	2006/7/26	Sang-Eon PARK	Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University	Korea	Sn-SBA-16 prepared by pH adjustment for Baeyer-Villiger oxidation	Sang-Cheol HAN(Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University),Nanzhe JIANG(Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University),Iveta NEKOKSOVA(J. Heyrovsk Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Dolejskova 3, 18223 Prague, Czech Republic),Jiri CEZKA(J. Heyrovsk Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Dolejskova 3, 18223 Prague, Czech Republic),sujandi SUJANDI(Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University),David Raju BURRI(Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University),Sang-Eon PARK(Laboratory of Nano-Green Catalysis and Nano Center for Fine Chemicals Fusion Technology, Department of Chemistry, Inha University)
766	P-577	2006/7/28	Bunsho OHTANI	Catalysis Research Center, Hokkaido University	Japan	Evaluation and control of crystal defects in titania photocatalysts	Takuya MAJIMA(Graduate School of Environmental Earth Science, Hokkaido University),Tsukasa TORIMOTO(Catalysis Research Center, Hokkaido University)
767	P-216	2006/7/25	Hideki Masuda	Nagoya Institute of Technology	Japan	Preparation and Characterization of A Square Planar Ru complex Immobilized into Meso-porous Silica Material FSM-16 and The Improvement in Epoxidation Selectivity	Takeshi Okumura(Nagoya Institute of Technology),Hideki Takagi(TOYOTA Central R and D Labs, Inc.),Yasuhiro Funahashi(Nagoya Institute of Technology),Tomohiro Ozawa(Nagoya Institute of Technology),Koichiro Jitsukawa(Nagoya Institute of Technology),Yoshiaki Fukushima(TOYOTA Central R and D Labs, Inc.)
770	P-237	2006/7/25	Kemei WEI	National Engineering Research Center of Chemical Fertilizer Catalyst, Fuzhou University, Fujian 350002 P.R.China	China	Synthesis, characterization and catalytic properties of Bismuth-containing beta zeolites	Xiaohui CHEN(National Engineering Research Center of Chemical Fertilizer Catalyst, Fuzhou University, Fujian 350002 P.R.China),Yanling LIU(College of Chemistry and Chemical Engineering, Fuzhou University, Fujian 350002 P.R.China)
771	P-412	2006/7/27	Sergey Nikolaevich Gorodsky	Lomonosov State Academy of Fine Chemical Technology	Russia	Influence of p-Benzoquinone on Methanol Oxidative Carbonylation Process to Dimethyloxalate	Oleg Naumovich Temkin(Lomonosov State Academy of Fine Chemical Technology),Lev Grigorievich Bruk(Lomonosov State Academy of Fine Chemical Technology),Olga Nikolaevna Koziakova(Lomonosov State Academy of Fine Chemical Technology),Shon Hong Wu(Lomonosov State Academy of Fine Chemical Technology)

772	P-217	2006/7/25	Kemei WEI	National Engineering Research Center of Chemical Fertilizer Catalyst, Fuzhou University, Fujian 350002 P.R.China	China	Study on the epoxidation of allyl alcohol to glycidol over Ti-MCM-22 catalyst	Xiaohui CHEN(National Engineering Research Center of Chemical Fertilizer Catalyst, Fuzhou University, Fujian 350002 P.R.China), Xia QUAN(College of Chemistry and Chemical Engineering, Fuzhou University, Fujian 350002 P.R.China)
773	O-C39	2006/7/28	Martin Schmal	Federal University of Rio de Janeiro/Coppe/Peq	Brazil	NOx decomposition on a mixed oxide CuZrO2	Erika Batista Silveira(Federal University of Rio de Janeiro/Coppe/Peq), Carlos Andr Perez(Federal University of Rio de Janeiro/Coppe/Peq), Maria Auxilidora Baldanza(Federal University of Rio de Janeiro/Coppe/Peq)
774	P-324	2006/7/26	Sang-Eon Park	Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.	Korea	Oxidation of styrene over iron-incorporated nanoporous nickel phosphate FeVSB-5 using aqueous hydrogen peroxide as oxidizing agent	Isak Rajjak Shaikh(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.), Young-Hoon Lee(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.), Sang-Cheol Han(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.), Sujandi Sujandi Chow(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.), Jong-Hak Lee(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.), Sang-Eon Park(Laboratory of Nano-Green Catalysis, Nano Center for Fine Chemicals Fusion Technology, Inha University, Incheon, Korea.)
776	P-325	2006/7/26	Sang-Eon Park	laboratory of nano-green catalysis and nano center for fine chemical fusion technology, Department of Chemistry, Inha University	Korea	Dehydrogenation of ethylbenzene by acid-base bifunctional approach	David Raju BURRI(laboratory of nano-green catalysis and nano center for fine chemical fusion technology, Department of Chemistry, Inha University), Kwang Min CHOI(laboratory of nano-green catalysis and nano center for fine chemical fusion technology, Department of Chemistry, Inha University), Young-Hoon LEE(laboratory of nano-green catalysis and nano center for fine chemical fusion technology, Department of Chemistry, Inha University), Sang-Cheol HAN(laboratory of nano-green catalysis and nano center for fine chemical fusion technology, Department of Chemistry, Inha University)

777	O-B30	2006/7/27	Shang-Bin Liu	Institute of Atomic and Molecular Sciences, Academia Sinica	Taiwan	Probing the surface organic moieties on organic-functionalized mesoporous materials using hyperpolarized Xe-129 NMR spectroscopy	Shing-Jong Huang(Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan),Shou-Heng Liu(Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan),Wen-Hua Chen(Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan),An-Ya Lo(Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan),Pei-Hao Wu(Institute of Materials Science and Manufacturing, Chinese Culture University, Taiwan),Huang-Kuei Lee(Institute of Materials Science and Manufacturing, Chinese Culture University, Taiwan)
778	IO-A25	2006/7/27	Wolfgang Strehlau	hte - the high throughput experimentation company	Germany	High Throughput Optimization Program for Diesel Oxidation Catalysts	Olga Gerlach(hte - the high throughput experimentation company),Juergen Maier(hte - the high throughput experimentation company),Antonio Saitta(hte - the high throughput experimentation company),Tamara Gabriel(hte - the high throughput experimentation company)
779	O-A02	2006/7/24	stephan andreas schunk	hte aktiengesellschaft	germany	Templating via Fermentation: Where Biotechnology Meets Zeolite Science	stephan andreas schunk(hte aktiengesellschaft)
780	IL-B03	2006/7/25	Chunshan Song	Pennsylvania State University	USA	Advances in reforming catalysis and adsorption desulfurization of liquid fuels for fuel cell applications	
781	P-528	2006/7/28	Martin Schmal	Federal University of Rio de Janeiro/Coppe/PEQ	Brazil	Soot combustion on Mo/Al ₂ O ₃ and K/Mo/Al ₂ O ₃ catalysts	Isabela Caldeira Leocadio(Federal University of Rio de Janeiro/Coppe/PEQ),Silvana Braun(PUC/Rio)
782	P-367	2006/7/26	Enrique Iglesia	Department of Chemical Engineering, University of California, Berkeley	USA	Design, Synthesis and Catalytic Properties of Iron-Based Catalysts for the Synthesis Gas Conversion to Fuels and Chemicals	Akio Ishikawa(Department of Chemical Engineering, University of California, Berkeley),Manuel Ojeda(Department of Chemical Engineering, University of California, Berkeley)
783	P-326	2006/7/26	Jozsef L. Margitfalvi	Chemical Research Center	Hungary	Modification of supported Au catalyst used for low temperature CO oxidation	Mihaly Hegedus(Chemical Research Center),Ervin Szabo(Chemical Research Center),Andras Tompos(Chemical Research Center),Ferenc Somodi(Chemical Research Center),Agnes Szegedi(Chemical Research Center)
785	P-203	2006/7/25	Jozsef L. Margitfalvi	Chemical Research Center	Hungary	Combinatorial heterogeneous catalysis Visualization of experimental results in a multi-dimensional experimental space	Andras Tompos(Chemical Research Center),Erno Tfirst(Chemical Research Center),Lajos Vegvari(Meditor General Innovation Bureau)

786	IL-C02	2006/7/24	Ted S. Oyama	Virginia Tech	USA	True intermediates and spectators in reaction mechanisms: A kinetic and spectroscopic study	Corey Reed(ExxonMobil Corp.),Yong-Kul Lee(Samsung),Yan Xi(None)
787	IO-A24	2006/7/27	Robson S. Monteiro	Senior Research Engineer Niobium Products for Catalysts	Brazil	Biodiesel Production Through the Esterification of Free Fatty Acids of Palm Oil by Niobium Solid Acid Catalysts	Antônio T. Pereira(Senior Research Engineer Niobium Products for Catalysts),Donato A. G. Aranda(Escola de Química da UFRJ, Centro de Tecnologia),Rafael T. P. Santos(Escola de Química da UFRJ, Centro de Tecnologia),Rafael R. João (Escola de Química da UFRJ, Centro de Tecnologia),Kensley A. Oliveira(Senior Research Engineer Niobium Products for Catalysts)
788	P-218	2006/7/25	Zhanghuai Suo	Yantai University	China	Selective Oxidation of Propylene over Supported Gold Catalysts	Jiqing Lu(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics),Lidun An(Yantai University)
789	O-C19	2006/7/26	Yu Wen Chen	National Central University	TAIWAN	Photocatalytic Reduction of Carbon Dioxide on NiO/InTaO4 under Visible Light Irradiation	Pei Wen Pan(National Central University)
790	P-564	2006/7/28	Hiroyuki Yamaura	Ehime University	Japan	Anodic polarization of Ni supported on ceria-based oxides in dry methane-oxygen SOFC	Akihiro Saito(Ehime University),Hidenori Yahiro(Ehime University)
791	P-565	2006/7/28	Kohei URASAKI	Waseda university	Japan	Catalytic activities and coke resistance of Co and Ni catalysts supported on perovskite type oxides in steam reforming of ethanol	Kiyohiro Ishikawa(Waseda university),Yasushi Sekine(Waseda university),Masahiko Matsukata(Waseda university),Eiichi Kikuchi(Waseda university)
792	P-368	2006/7/26	Kohei Urasaki	Waseda university	Japan	Steam reforming of methane over Ni catalyst supported on LaAlO3, SrTiO3 and BaTiO3	Akiko Ito(Waseda university),Yasushi Sekine(Waseda university),Masahiko Matsukata(Waseda university),Eiichi Kikuchi(Waseda university)
793	O-C04	2006/7/24	Kiyotaka Asakura Nippon	Catalysis Research Center, Hokkaido University	Japan	Active Phase of Ni2P Observed by an Operando XAFS	Toshihide Kawai(SPring-8),Wang-Jae Chun(CRC Hokkaido University),Kyoko K- Bando(AIST),Yong-kul Lee(Departments of Chemical Engineering and Chemistry, Virginia Polytechnic Institute and State University),S Ted Oyama(Departments of Chemical Engineering and Chemistry, Virginia Polytechnic Institute and State University)

794	P-529	2006/7/28	Ken-ichi Shimizu	Department of Applied Chemistry, Graduate School of Engineering, Nagoya University	Japan	Effect of hydrogen addition on SO ₂ -tolerance of silver-alumina for SCR of NO with propane	Atsushi Satsuma(Department of Applied Chemistry, Graduate School of Engineering, Nagoya University), Masao Tsuzuki(Department of Applied Chemistry, Graduate School of Engineering, Nagoya University), Takaaki Higashimata(Department of Applied Chemistry, Graduate School of Engineering, Nagoya University)
795	IO-A05	2006/7/25	Tooru Setoyama	Mitsubishi Chemical Research Center	Japan	Liquid phase Beckmann Rearrangement for Caprolactam Promoted by acid-induced autocatalytic system	Y Kwaragi(Mitsubishi Chemical Research Center), N Fujita(Mitsubishi Chemical Research Center), M Fujii(Mitsubishi Chemical Research Center), K Takizawa(Mitsubishi Chemical Research Center), T Suzuki(Mitsubishi Chemical Research Center)
796	PI-435	2006/7/27	Shigeru Mihara	JGC Corporation	Japan	A Study on a Treatment Process of Sodium Nitrate for the Nuclear Fuel Reprocessing Plants	Shuzo Kojima(JGC Corporation), Hirofumi Ito(JGC Corporation), Mamoru Numata(JGC Corporation), Takashi Kato(JGC Corporation)
797	P-238	2006/7/25	Xianjun Li	Sichuan University	China	Hydroformylation of Olefins catalyzed by Rh-Phosphine complex in 1-Butyl-3-Methylimidazoliumtetrafluoroborate	Hongjie Zheng(Sichuan University), Min Li(Sichuan University), Qi Lin(Sichuan University), Hua Chen(Sichuan University), Ruixiang Li(Sichuan University)
798	O-C27	2006/7/27	Yasutake Teraoka	Kyushu University	Japan	Preparation of alumina-supported LaMnO ₃ perovskite catalyst with high activity and thermal stability by incipient wetness method	Teruyuki Asada(Kyushu University), Hajime Kusaba(Kyushu University), Kazunari Sasaki(Kyushu University)
799	IO-A20	2006/7/27	Jozsef L. Margitfalvi	Chemical Research Center	Hungary	Modification of Pt-Re/Al ₂ O ₃ naphtha reforming catalysts by tin tetraethyl using controlled surface reaction to reduce the yield of benzene and aromatics	Sandor Gobolos(Chemical Research Center), Emila Talas(Chemical Research Center), Irina Borbath(Chemical Research Center)
800	P-530	2006/7/28	Yasuharu Kanda	Muroran Institute of Technology	Japan	Catalytic performance of noble metals supported on Al ₂ O ₃ -modified SiO ₂ for thiophene hydrodesulfurization	Takao Kobayashi(Muroran Institute of Technology), Yoshio Uemichi(Muroran Institute of Technology), Masatoshi Sugioka(Muroran Institute of Technology)
801	P-219	2006/7/25	Masakazu Iwamoto	Chemical Resources Laboratory, Tokyo Institute of Technology	Japan	Partial oxidation of hydrogen into hydrogen peroxide on colloidal palladium-platinum catalysts	Tomoyuki Jinno(Chemical Resources Laboratory, Tokyo Institute of Technology), Takashi Deguchi(Chemical Resources Laboratory, Tokyo Institute of Technology), Takashi Yamamoto(Chemical Resources Laboratory, Tokyo Institute of Technology)

803	IO-A09	2006/7/26	Fabrizio Cavani	University of Bologna	Italy	Role of Nb in rutile-type metal antimonates for propane ammoxidation	Nicola Ballarini(University of Bologna),Massimo Cimini(University of Bologna),Ferruccio Trifiro?,University of Bologna“(trifiro@ms.fci.unibo.it),CNRS France(Jean-Marc.Millet@catalyse.cnrs.fr),CSIC, Spain(banares@icp.csic.es),CSIC, Spain(),EniTecnologie SpA(),Snamprogetti SpA
805	P-551	2006/7/28	Jorge Beltramini	ARC Centre for Functional Nanomaterials	Australia	Innovative metal supported catalysts for hydrogen production from liquid reforming of carbohydrates	Askhat Tanksale(ARC Centre for Functional Nanomaterials),Max Lu(ARC Centre for Functional Nanomaterials)
806	PI-215	2006/7/25	Kazuhiko Yoshinaga	Mitsui Chemicals, Inc.	Japan	Novel Catalyst for Enantioselective Cyanosilylation of Aldehydes and Ketones Using Partially Hydrolyzed Titanium Alkoxide as a Lewis Acidic Metal	Takushi Nagata(Mitsui Chemicals, Inc.)
807	P-413	2006/7/27	Tetsu Yamakawa	Sagami Chemical Research Center	Japan	A Highly effective and practical synthesis of tert-butyl-3,3,3-trifluoromethacrylate by alkoxy carbonylation of 1,2-dibromo-3,3,3-trifluoropropane with Pd catalysts and inorganic bases	Yoshikazu Horino(Sagami Chemical Research Center),Noriko Wakasa(Sagami Chemical Research Center),Takamasa Fuchikami(Sagami Chemical Research Center)
808	P-220	2006/7/25	Fabrizio Cavani	University of Bologna	Italy	Reactivity of Vanadium oxide-based catalysts in propane oxidation: a combination of ODH, partial oxidation and WGS	Andrea Battisti(University of Bologna),Antonio Cericola(University of Bologna),Nicola Ballarini(University of Bologna),Simona Racioppi(University of Bologna),Philippe Arpentinier(Air Liquide (F))
810	P-327	2006/7/26	Yoshio Takasu	Department of Fine Materials Engineering, Shinshu Univ.	Japan	Enlargement of the Surface Area of Boron-doped Diamond (BDD) Electrodes by Catalytic Formation of Nanochannels with Metal Nanoparticles	Shunsuke Konishi(Department of Fine Materials Engineering, Shinshu Univ.),Tatsuya Ohashi(Department of Fine Materials Engineering, Shinshu Univ.),Wataru Sugimoto(Department of Fine Materials Engineering, Shinshu Univ.),Yoshio Takasu(Department of Fine Materials Engineering, Shinshu Univ.)
811	P-578	2006/7/28	Eiji Suzuki	Dept. of Fine Materials Engineering, Shinshu University	Japan	Kinetics Study on Photocatalytic Hydrogen Generation from Water Using Sulfur as Electron Donor	Yukari Hayashi(Dept. of Fine Materials Engineering, Shinshu University),Junji Terasawa(Dept. of Fine Materials Engineering, Shinshu University),Hisanao Usami(Dept. of Fine Materials Engineering, Shinshu University),Issei Tsuji(Dept. of Applied Chemistry, Faculty of Science, Tokyo University of Science),Akihiko Kudo(Chemistry, Faculty of Science, Tokyo University of Science)
812	IO-A22	2006/7/27	Edmond Payen	Unité de Catalyse et de Chimie du solide	France	MOLECULAR APPROACH OF THE PREPARATION OF HYDROTREATMENT OXIDIC PRECURSORS	C. Lamonnier (Unité de Catalyse et de Chimie du solide), P. Blanchard (Unité de Catalyse et de Chimie du solide), D. Guillaume(IFP-Lyon)

813	P-369	2006/7/26	Noriyuki Yamane	Nippon Steel Corporation	Japan	Demonstrative operation of a pilot plant using the developed catalyst	Yasuhiro Ohnishi(Nippon Steel Corporation),Ken-ichiro Fujimoto(Nippon Steel Corporation),Yoshifumi Suehiro(Japan Oil, Gas and Metals National Corporation)
814	PI-423	2006/7/27	Dong Songtao	Research Institute of Petroleum Process, SINOPEC	China	Mesopore formation during hydrothermal treatment of NH ₄ NaY zeolite	Xin Jing(Research Institute of Petroleum Process, SINOPEC),Nie Hong(Research Institute of Petroleum Process, SINOPEC),Shi Yahua(Research Institute of Petroleum Process, SINOPEC),Li Dadong(Research Institute of Petroleum Process, SINOPEC),Li Xuanwen(Peking University)
815	P-566	2006/7/28	Tetsuo Umegaki	National Institute of Advanced Industrial Science and Technology	Japan	Hydrogen Production from Ethanol over Oxide Catalysts	Yusuke Yamada(National Institute of Advanced Industrial Science and Technology),Atsushi Ueda(National Institute of Advanced Industrial Science and Technology),Hiroshi Shioyama(National Institute of Advanced Industrial Science and Technology),Nobuhiro Kuriyama(National Institute of Advanced Industrial Science and Technology),Tetsuhiko Kobayashi(National Institute of Advanced Industrial Science and Technology)
816	P-239	2006/7/25	Aki Kanno	Kansai University	Japan	Oxidative dehydrogenation of propane over Ni-MO/ZrO ₂	Kenichi Nakamura(Kansai University),Na-oki Ikenaga(Kansai University),Takanori Miyake(Kansai University),Toshimitsu Suzuki(Kansai University)
817	P-538	2006/7/28	Yasuo Iizuka	Kyoto Institute of Technology	Japan	Benzene hydrogenation as a new method for the estimation of exposed Pt surface area of Pt/CeO ₂ catalyst	Satoshi Hamaguchi(Kyoto Institute of Technology),Ai Iwata(Kyoto Institute of Technology),Yu-ichi Onoda(Kyoto Institute of Technology),Atsushi Hamaguchi(Kyoto Institute of Technology)
818	IO-A12	2006/7/26	Takashi Ida	Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.	Japan	DAO Hydrocracking Reactions with Zeolitic Catalysts	Masaru Ushio(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.),Jun Futigami(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.),Ryuzou Kuroda(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.),Yuichi Yamahata(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.),Kumi Hayashida(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.),Takashi Kameoka(Catalyst Reserch Center, Catalysts and Chemicals Ind. Co. Ltd.)

819	P-579	2006/7/28	Yasunobu Inoue	Department of Chemistry, Nagaoka University of Technology	Japan	RuO ₂ -dispersed p-type GaN photocatalysts for overall water splitting	Naoki Arai(Department of Chemistry, Nagaoka University of Technology),Nobuo Saito(Department of Chemistry, Nagaoka University of Technology),Hiroshi Nishiyama(Department of Chemistry, Nagaoka University of Technology),Kazunari Domen(Department of Chemical System Engineering, School of Engineering, The University of Tokyo),Kazunori Sato(Department of Chemistry, Nagaoka University of Technology)
820	PI-416	2006/7/27	Hideyuki Itou	National Institute of Advanced Industrial Science and Technology	Japan	Effects of catalytic acidities on selective hydrodesulfurization of gasoline fractions over CoMo sulfide catalysts	Makoto Toba(National Institute of Advanced Industrial Science and Technology),Yasuo Miki(National Institute of Advanced Industrial Science and Technology),Yuji Yoshimura(National Institute of Advanced Industrial Science and Technology)
821	O-C24	2006/7/26	Paolo Ciambelli	University of Salerno	Italy	Selective oxidation of cyclohexane to benzene in photocatalytic fluidised bed reactor	Vincenzo Palma(University of Salerno),Diana Sannino(University of Salerno),Vincenzo Vaiano(University of Salerno),Salvatore Vaccaro(University of Salerno)
822	P-531	2006/7/28	Paolo Ciambelli	University of Salerno	Italy	Diesel particulate filter optimization for microwave assisted catalysed regeneration	Vincenzo Palma(University of Salerno),Paola Russo(University of Salerno),Giuseppa Matarazzo(University of Salerno)
824	PI-219	2006/7/25	Dae Won Park	Pusan National University	Korea	Cycloaddition of carbon dioxide to butyl glycidyl ether using ionic liquid as catalyst	Hye Young Ju(Pusan National University),Na Young Mun(Pusan National University),Mamparambath Dharmar Manju(Pusan National University),Il Kim(Pusan National University),Dong Ok Lim(Segi-Achema Co. Ltd)
825	P-328	2006/7/26	Junko Nomura Kondo	Chemical Resources Laboratory, Tokyo Institute of Technology	Japan	Synthesis of Ordered and Highly Crystallized Mesoporous Ta ₂ O ₅ by Silica Back-Filling Method	Kiyotaka Nakajima(Chemical Resources Laboratory, Tokyo Institute of Technology),Nao Shirokura(Chemical Resources Laboratory, Tokyo Institute of Technology),Akira Nakabayashi(Asahi Kasei Chemicals Co., LTD.),Daling Lu(Japan Science and Technology),Michikazu Hara(Chemical Resources Laboratory, Tokyo Institute of Technology),Kazunari Domen(domen@chemsys.t.u-tokyo.ac.jp)
826	P-204	2006/7/25	Yasunobu Inoue	Department of Chemistry, Nagaoka University of Technology,	Japan	Artificial Control of Heterogeneous Catalysis: Effects of Thickness Extensional Mode Resonance Oscillation on Ethanol Decomposition Over AgAu and AgCu Alloy Film Catalysts on a Ferroelectric z-cut LiNbO ₃ Single Crystal	Hiroyasu Taniguchi(Department of Chemistry, Nagaoka University of Technology),Yuichi Sato(Department of Chemistry, Nagaoka University of Technology),Nobuo Saito(Department of Chemistry, Nagaoka University of Technology),Hiroshi Nishiyama(Department of Chemistry, Nagaoka University of Technology)

827	PI-432	2006/7/27	Sachio Asaoka	The University of Kitakyushu	Japan	N2O removal from flue-gas with nano-porous catalyst	Mitsuo Miyazaki(TSUKISHIMA KIKAI CO., LTD.),Shinji Minohara(The University of Kitakyusyu),Kouji Sakashita(TSUKISHIMA KIKAI CO., LTD.)
828	PI-433	2006/7/27	Yasushi Ozawa	Central Research Institute of Electric Power Industry	Japan	Effect of oxygen addition on catalytic decomposition of ammonia in coal derived gas fuel	Yoshihisa Tochihara(Central Research Institute of Electric Power Industry)
829	O-B26	2006/7/26	Wha seung Ahn	Inha university	Korea	Synthesis, characterization and catalytic application of mesoporous silicalite-1	Xiong Li(Inha university)
830	P-444	2006/7/27	Kovalenko G. A.	Boreskov Institute of Catalysis	Russia	Heterogeneous biocatalysts for enzymatic hydrolysis of starch dextrin and vortex bioreactors for this process	Perminova L. V(Boreskov Institute of Catalysis),Sukhinin S. V(Boreskov Institute of Catalysis),Komova O. V(Boreskov Institute of Catalysis),Plaksin G. V(Boreskov Institute of Catalysis)
831	P-158	2006/7/24	Masaharu Komiyama	Yamanashi University	Japan	Electronic states near the step edges of MoS2 basal plane studied by scanning tunneling microscopy	Hiroyuki Tomita(Yamanashi University),Eisuke Yoda(Yamanashi University)
832	P-407	2006/7/27	Eisuke Yoda	Yamanashi University	Japan	Characterization of the basic sites on H-zeolites by infrared probe molecules	Kou Murayama(Yamanashi University)
833	P-532	2006/7/28	Takehiko Ono	Shinshu University	Japan	Total oxidation of VOCs over Mn and Co oxide catalysts	Kozaburo Umezawa(Shinshu University),Masashi Nakashima(Shinshu University),Ryotaro Tawara(Shinshu University)
834	P-370	2006/7/26	Takehiko Ono	Shinshu University	Japan	Partial oxidation of methane over silica catalysts mixed with alumina	Adia Oyun(Shinshu University),Kenji Unno(Shinshu University),Jyunpei Ohnishi(Shinshu University),Katsuhiko Fujio(Shinshu University)
837	O-C02	2006/7/24	Robert Schloegl	Fritz-Haber-Institut der Max-Planck-Gesellschaft	Germany	Copper in hydrogen catalysis	
838	P-329	2006/7/26	Yasunobu Inoue	Nagaoka University of Technology	Japan	Effects of Ga supports on activity and selectivity of Ru metals for selective hydrogenation of citral	Takashi Hosoya(Nagaoka University of Technology),Junichi Takeuchi(Nagaoka University of Technology),Hiroshi Nishiyama(Nagaoka University of Technology),Saito Nobuo(Nagaoka University of Technology)

839	P-240	2006/7/25	Junko Ichihara	ISIR, Osaka University	Japan	Keggin phosphomolybdate on apatite: an environmentally benign solid catalyst system for selective oxidation of sulfides	Katsuma Iteya(Kinki University),Yoh Sasaki(Kinki University)
840	P-580	2006/7/28	Yasunobu Inoue	Nagaoka University of Technology	Japan	Effects of dopants on photocatalytic activity for water decomposition of Ba ₃ Zn ₅ In ₂ O ₁₁ and Ga ₂ O ₃ with d10 electronic configuration	Haruhiko Kadowaki(Nagaoka University of Technology),Hisayoshi Kobayashi(Kyoto Institute of Technology),Junya Sato(Nagaoka University of Technology),Nobuo Saito(Nagaoka University of Technology),Hiroshi Nishiyama(Nagaoka University of Technology)
841	P-241	2006/7/25	Seitaro Namba	Teikyo University of Science and Technology	Japan	Selective synthesis of di-tert-butyl peroxide catalyzed by highly active microporous H-beta zeolite	Suman Kumar Jana(Tokyo Institute of Technology),Masamitsu Nakamura(Teikyo University of Science and Technology),Tsuyoshi Kugita(Teikyo University of Science and Technology)
842	O-B38	2006/7/28	Ive Hermans	Department of Microbial and Molecular Systems (M2S), KULeuven	Belgium	Design of novel heterogeneous catalytic systems for autoxidation	Eric Breynaert(Department of Microbial and Molecular Systems (M2S), KULeuven),Jozef Peeters(Department of Chemistry, KULeuven),Andr Maes(Department of Microbial and Molecular Systems (M2S), KULeuven),Pierre A Jacobs(Department of Microbial and Molecular Systems (M2S), KULeuven)
843	O-B41	2006/7/28	Stanislaw Dzwigaj	Laboratoire de Réactivité de Surface, UMR 7609-CNRS, Université Pierre et Marie Curie,	France	Modulation of catalytic properties of VSi ⁺ zeolite by controlled incorporation of V ions	Michel Che(Laboratoire de Réactivité de Surface, UMR 7609-CNRS, Université Pierre et Marie Curie,),Barbara Grzybowska(Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences),Irena Gressel(Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences),Katarzyna Samson(Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences)
844	P-533	2006/7/28	Yoshio Uemichi	Muroran Institute of Technology	Japan	Catalytic degradation of mixed plastics over H-gallosilicate	Akio Seino(Muroran Institute of Technology),Yoshihito Hashimoto(Muroran Institute of Technology),Masatoshi Sugioka(Muroran Institute of Technology),Masaaki Itoh(Ishikawajima-Harima Heavy Industries Co., Ltd.),Junya Nishino(Ishikawajima-Harima Heavy Industries Co., Ltd.)
845	PI-231	2006/7/25	Wha Seung Ahn	Inha university	Korea	Propylene Epoxidation using Titanium-containing Zeolite Catalysts	Han Ju Ban(Inha university),Tae Jin Kim(Inha university)

846	P-534	2006/7/28	Sayoko Shironita	Graduate School of Science and Technology, Nagasaki University	Japan	Sonochemical Preparation and Catalysis of Mn-based Ozone Decomposition Catalyst	Tatsuya Shuto(Department of Materials Science and Engineering, Faculty of Engineering, Nagasaki University),Jinwei Hu(Graduate School of Science and Technology, Nagasaki University),Yoshiteru Mizukoshi(Department of Materials Science and Engineering, Faculty of Engineering, Nagasaki University),Shuji Tanabe(Graduate School of Science and Technology, Nagasaki University)
847	PI-419	2006/7/27	Hirofumi Konno	Nippon Oil Corporation	Japan	Aromatics hydrogenation of pre-treated light gas oil using sulfur-resistant noble metal catalysts	Shinya Takahashi(Nippon Oil Corporation),Hideshi Iki(Nippon Oil Corporation),Yukihiro Sugiura(Nippon Oil Corporation)
848	P-242	2006/7/25	Katsutoshi Yamamoto	Tohoku University	Japan	Development of a mechanochemical route to titanasilicates	Salomon E. Borjas(Tohoku University),Atsushi Muramatsu(Tohoku University)
850	P-205	2006/7/25	Atsushi MURAMATSU	Institute of Multidisciplinary Research for Advanced Materials (IMRAM)Tohoku University	Japan	Chemical vapor reductive deposition method as a novel preparation technique for metallic nanoparticles	Masaki YOSHINAGA(Graduate School of Environmental Studies, Tohoku University),Hideyuki TAKAHASHI(Graduate School of Environmental Studies, Tohoku University),Katsutoshi YAMAMOTO(Institute of Multidisciplinary Research for Advanced Materials (IMRAM)Tohoku University),Nobuaki Sato(Institute of Multidisciplinary Research for Advanced Materials (IMRAM)Tohoku University)
851	P-206	2006/7/25	Atsushi Muramatsu	IMRAM, Tohoku University	Japan	Liquid phase selective deposition method: a new approach for catalyst preparation	Yoji Sunagawa(Graduate school of Environmental Studies, Tohoku University),Katsutoshi Yamamoto(IMRAM, Tohoku University),Hideyuki Takahashi(Graduate school of Environmental Studies, Tohoku University)
852	PI-208	2006/7/25	Tatsuo Tanaka	AsahiKasei Corp.	Japan	Computational Study of Ethylene/Norbornene Copolymerization by Non-Bridged Half-Metallocene Type Catalysts	Yu Nitto(AsahiKasei Chemicals),Kenya Tanaka(AsahiKasei Chemicals),Hiroshi Shirai(AsahiKasei Chemicals)
853	PI-434	2006/7/27	Shinichi Nakata	Akita University	Japan	Preparation of apatite-type lanthanum silicate supported catalysts for pollutant gas purification	Sumio Kato(Akita University),Takuya Yoshizawa(Akita University),Kimihiro Yokoyama(Akita University),Kenya Kosagawa(Akita University),Masataka Ogasawara(Akita University),Takashi Wakabayashi(Mitsui Mining and Smelting Co., Ltd.),Yuunosuke Nakahara(Mitsui Mining and Smelting Co., Ltd.)
854	P-539	2006/7/28	Shinichi Nakata		Japan	Synthesis of cis-cinnamic acids and cumarins using Ag ⁺ -exchanged zeolite catalysts	Kanji Sato(Akita University),Takashi Takahashi(Akita University),Kodai Narita(Akita University),Ryoji Yoshida(Akita University),Takashi Yamashiro(Akita University),Masayuki Nomura(Akita University),Masataka Ogasawara(Akita University),Sumio Kato(Akita University)

855	PI-407	2006/7/27	Yoshimi Kawashima	Idemitsu Kosan Co.,Ltd.	Japan	Development of High Performance Steam Reforming Catalyst for LP Gas Processing System for Stationary PEFC Co-Generation System	Satoshi Nakai(Idemitsu Kosan Co.,Ltd.),Takeshi Seimiya(Idemitsu Kosan Co.,Ltd.)
856	P-540	2006/7/28	Athanasios Papargyris	Technological Educational Institute of Larissa, Greece	Greece	The Effectiveness of Iron (III) Doped Acid-treated Montmorillonite on Aldol Condensation Reactions	Sophia Papargyri(Aristotle University of Thessaloniki, Greece),Xenofon Spiliotis(Technological Educational Institute of Larissa, Greece)
857	O-B25	2006/7/26	C. Y. Chen	Chevron Energy Technology Co.	USA	Characterization of extra-large pore zeolites via isomerization and disproportionation of 1,3-diisopropylbenzene	S. I. Zones(Chevron Energy Technology Co.),A. W. Burton(Chevron Energy Technology Co.),S. A. Elomari(Chevron Energy Technology Co.),S. Svelle(University of Oslo)
858	P-243	2006/7/25	Makoto Onaka	Graduate School of Arts and Sciences, The University of Tokyo	Japan	Design of Nanospace for Efficient Synthesis of meso-Tetraphenylporphyrin in a Condensed Solution	Yoichi Masui(Graduate School of Arts and Sciences, The University of Tokyo)
860	P-371	2006/7/26	Kusman Dossumov	Institute of Organic Catalysis and Electrochemistry	Kazakhstan	Oxidation of C3-C4 alkanes into olefins on the phosphomolybdic heteropoly acid supported on aluminosilicate	Galina Andreevna Savelieva(Institute of Organic Catalysis and Electrochemistry),Galija Mukhangalieva Bekbatyrova(Institute of Organic Catalysis and Electrochemistry),Damir Bakytovich Abdukhalykov(Institute of Organic Catalysis and Electrochemistry)
861	P-207	2006/7/25	Agaddin Khanlar Mamedov	Saudi Basic Industries Corporation (SABIC)	Saudi Arabia	Interreaction Energy Distribution Phenomenon in Highly Exothermic Oxidation Reactions	
862	O-B27	2006/7/27	Makoto Onaka	The University of Tokyo	Japan	Mesoporous alumina-based solid base catalysts	Tsunetake Seki(The University of Tokyo),Shinya Ikeda(The University of Tokyo)
863	PI-228	2006/7/25	Akio Hashimoto	MITSUBISHI GAS CHEMICAL COMPANY	Japan	Microstructure and Catalytic Performance of SAPO-34 in Methylamine Synthesis	Sachiko Arie(MITSUBISHI GAS CHEMICAL COMPANY),Toshihiro Nomura(MITSUBISHI GAS CHEMICAL COMPANY),Katsumi Higuchi(MITSUBISHI GAS CHEMICAL COMPANY),Takashi Kojima(MITSUBISHI GAS CHEMICAL COMPANY)
866	P-330	2006/7/26	Tao Zhang	State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics	China	Nano iron nitride preparation and catalytic N ₂ H ₄ decomposition	Mingyuan Zheng(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics),Ruihua Cheng(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics),Yuying Shu(State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics)

868	PI-233	2006/7/25	Ho Kyong Shon	University of Technology, Sydney	Australia	Application of Photocatalysis Hybrid System to Wastewater : A Detailed Organic Removal	Saravanamuthu Vigneswaran(University of Technology, Sydney),Jong Ho Kim(Chonnam National University),Huu Hao Ngo(University of Technology, Sydney)
869	P-422	2006/7/27	Cheng-Hua Zhang	Shanxi institute of coal chemistry, CAS	China	Study on the iron-silica interaction of a silica-incorporated iron catalyst	Hai-Jun Wan(Shanxi institute of coal chemistry, CAS),Ting-Zhen Li(Shanxi institute of coal chemistry, CAS),Zhi-Chao Tao(Shanxi institute of coal chemistry, CAS),Yong Yang(Shanxi institute of coal chemistry, CAS),Hong-Wei Xiang(Shanxi institute of coal chemistry, CAS),Yong-Wang Li(Shanxi institute of coal chemistry, CAS)
871	P-372	2006/7/26	Frigyes Solymosi	University of Szeged	Hungary	Aromatization of n-octane on Mo2C-containing catalysts	Aleksander Széchenyi (University of Szeged)
872	PI-426	2006/7/27	Koichiro Harada	Mazda Motor Corporation	Japan	Behavior of the Oxygen Species Contained in Oxide in the Carbon Combustion Reaction by Cerium Composite Oxides	Yoshinori Tsushio(Mazda Motor Corporation),Akihide Takami(Mazda Motor Corporation)
873	IL-A01	2006/7/24	Rasmita Raval	University of Liverpool	UK	Model Chiral Surfaces: Some Insights for Heterogeneous Enantioselective Catalysis	
876	O-C01	2006/7/24	Hans-Joachim Freund		Germany	From Atoms to Clusters as Models in Heterogeneous Catalysts	
877	IL-C03	2006/7/24	Shinichiro NAKAMURA	Mitsubishi Chemical Group Science and Technology Research Center, Inc.	Japan	Computational Science for Catalyst and Surface Property Design	Kingo UCHIDA(Ryukoku University),Tsuyoshi TSUJIOKA(Osaka Kyoiku University),Kaoru TSUJII(Hokkaido University),Hideo SEKINO(Toyohashi University of Technology),Hiroshi SAKAMA(Sophia University),Satoshi YOKOJIMA(Mitsubishi Chemical Group Science and Technology Research Center, Inc),Masayoshi MIKAMI(Mitsubishi Chemical Group Science and Technology Research Center, Inc),J-Wei SHEN(Mitsubishi Chemical Group Science and Technology Research Center, Inc),Yasuo OISHI(Mitsubishi Chemical Group Science and Technology Research Center, Inc),Katsuya KANDA(Mitsubishi Chemical Group Science and Technology Research Center, Inc)
878	IL-A07	2006/7/28	Kohei Seki	Sumitomo Chemical Co., Ltd.	Japan	Development of an Improved HCl Oxidation Process: Structure of the RuO2/Rutile TiO2 Catalyst	Kiyoshi Iwanaga(Sumitomo Chemical Co., Ltd.),Takuo Hibi(Sumitomo Chemical Co., Ltd.),Kohtaro Issoh(Sumitomo Chemical Co., Ltd.),Yasuhiko Mori(Sumitomo Chemical Co., Ltd.),Tadashi Abe(Sumitomo Chemical Engineering Co., Ltd.)

879	P-208	2006/7/25	Hiroyuki Nakamura	Japan Energy Corporation	Japan	Quantum chemical study of nickel tungsten sulfide hydrotreating catalysts. Comparison with experimental studies of model feed reactions	Masaomi Amemiya(Japan Energy Corporation),Ryutaro Koide(Japan Energy Corporation),Emiel J. M. Hensen(Eindhoven Universtiy of Technology),Rutger A. van Santen(Eindhoven Universtiy of Technology),Katsuaki Ishida(Japan Energy Corporation)
881	P-244	2006/7/25	Hideo Nakamura	Hokkaido University of Education	Japan	Evaluation of acid quality of solid superacid using Friedel-Crafts Acylation and esterification with phthalic anhydride.	N. Tanaka(Hokkaido University of Education),H. Kameya(Hokkaido University of Education),Hiromi Matsuhashi(Hokkaido University of Education),K. Arata(Hokkaido University of Education)
882	PI-230	2006/7/25	Jun Yamamoto	Sumitomo Chemical Co.,Ltd	Japan	A New Production Process of Propylene Oxide	Junpei Tsuji(Sumitomo Chemical Co.,Ltd)
883	IL-A02	2006/7/25	Thomas H Riermeier	Degussa AG, Degussa Homogeneous Catalysts	Germany	Catalysis: A Versatile Toolbox for Industrial Processes in the Fine Chemical Industry	Juan Almena(Degussa AG, Degussa Homogeneous Catalysts),Axel Monsees(Degussa AG, Degussa Homogeneous Catalysts),Renat Kadyrov(Degussa AG, Degussa Homogeneous Catalysts)
884	IL-B07	2006/7/28	Wataru Ueda	Catalysis Research Center, Hokkaido University	Japan	Crystalline Mo3VOx. Its unique structural property and high catalytic performance in alkane selective oxidation	Tomokazu Kato,Nobufumi Watanabe,Takao Kuranishi
886	IL-B01	2006/7/24	Jae Sung Lee	Pohang University Of Science and Technology	South Korea	Tungsten Carbide – Based Anode Materials for Low Temperature Fuel Cells	Raman Ganesan(Pohang University Of Science and Technology),Dongjin Ham(Pohang University Of Science and Technology),Tae Jin Park(Korea Institute of Science and Technology)
887	IL-C05	2006/7/26	Akihiko Kudo		Japan	Development of Powdered Photocatalysts for Water Splitting	
888	PL-04	2006/7/26	Jun Okuda	RWTH Aachen University	Germany	Polymerization Catalysis by Post-Metallocenes: Bridging the Gap between Ziegler and Single-Site Catalysts	
889	IL-A06	2006/7/27	Jeffery C. Bricker	UOP LLC	USA	New Catalytic Technologies for the Industrial Production of Ethylene and Propylene	James E. Rekoske(UOP LLC),Bryan Glover(UOP LLC)
890	P-445	2006/7/27	Hamed Mohammed El-Shora	Mansoura University	Egypt	THE EFFECT OF GROWTH REGULATORS AND CHEMICAL MODIFICATION ON CHLOROPLAST FERREDOXIN-NADP REDUCTASE OF CHENOPODIUM ALBUM	

893	P-582	2006/7/28	Adel Ali Ismail	Research center for compact chemical processes	Japan	Sol-gel synthesis of V ₂ O ₅ /TiO ₂ - SiO ₂ nanoparticles for catalytic oxidation	Hideyuki Matsunaga(Research center for compact chemical processes),Reda Mohamedy Mohamed(Central Metallurgical R and D Institute, CMRDI)
894	PI-438	2006/7/27	ROBERTO GARCIA DE LEON	MEXICAN PETROLEUM INSTITUTE	Mexico	The relationship between calcination, Al Configuration, and Acidity on modified aluminum hydroxides as the main component in an improved FCC matrix technology	ANDREA RODRIGUEZ HERNANDEZ,VICTOR HUGO VALTIERRA ROSAS(MEXICAN PETROLEUM INSTITUTE)
895	IO-A06	2006/7/25	Yaichiro Ono	SAINT-GOBAIN NORPRO	Japan	Formed Tetragonal Zirconia Carriers	Mure Te (Saint-Gobain NorPro),Stephen Dahar (Saint-Gobain NorPro),Pramod Koradia (Saint-Gobain NorPro)
897	P-583	2006/7/28	Kimihito Suzuki	Nippon Steel Corporation	Japan	Hydrogen Amplification Technology Development using a by-product gas (hot COG(Coke Oven Gas)) in the steel making process	Hisatsugu Kitaguchi (Nippon Steel Corporation),Ken-ichiro Fujimoto (Nippon Steel Corporation),Ikuo Jitsuvara (Nippon Steel Corporation)
898	PI-216	2006/7/25	Baocai Xu	Beijing Technology and Business University	P.R.China	Synthesis of 2-[[4-(3-methoxypropoxy)-3-methylpyridine-2-yl]methylsulfanyl]-1H-benzimidazol	
899	P-184	2006/7/24	Takashi Tatsumi	Tokyo Institute of Technology	Japan	MTO over proton aluminosilicates CHA and MTF zeolites	Qingjun Zhu(Tokyo Institute of Technology),Junko N Kondo (Tokyo Institute of Technology),Ryosuke Ohnuma (Tokyo Institute of Technology),Satoshi Inagaki (Tokyo Institute of Technology)
900	PI-240	2006/7/25	Satoshi Tanaka	Nikki Chemical Co., Ltd.	Japan	Advantageous Catalyst Manufacturing and It's Appl	Kazuki Oguma(Nikki Chemical Co., Ltd.), Teruaki Kakuda (Nikki Chemical Co., Ltd.)
901	P-385	2006/7/26	Yonggun Shul	Department of Chemical Engineering in Yonsei University	Republic of Korea	Liquid-phase propylene epoxidation using H ₂ O ₂ with Heterocycles-polyoxometalates	Cheonyong Joo(Yonsei University), Hyunyoung Kim (Yonsei University)
	IL-A03	2006/7/25	Jesper Nerlov	Haldor Topsøe	Denmark	Cu-based catalysis for methanol synthesis	
	IL-A04	2006/7/26	X.D. Hu	Süd-Chemie Inc.	USA	Catalyst Requirements for the Refinery of the Future: GTL/CTL and Beyond	

IL-A05	2006/7/26	Shigeto Hatanaka	Nippon Oil Corporation	Japan	Selective Catalytic Cracked Gasoline Hydrodesulfurization	Kouzi Shimada(Nippon Oil Corporation),Eitaro Morita(Nippon Oil Corporation)
IL-B02	2006/7/25	Robert Farrauto	Engelhard Corporation	USA	Precious metal catalysts on monolithic structures for fuel cell applications	Terence C. Poles(Engelhard Corporation)
IL-B05	2006/7/26	Gabriele Centi	Univ.Messina	Italy	Environmental Catalysis: a Push to the Development of New Catalytic Materials	Siglinda Perathoner(Univ.Messina)
IL-C01	2006/7/24	Chao-ming Chiang	National Sun Yat-Sen University	Taiwan	Catalytic Activation of C-H and C-F Bonds in Alkyl Groups Adsorbed on Copper Surfaces: α - and β -Elimination Pathways	
IL-C04	2006/7/25	P. Selvam	Indian Institute of Technology-Bombay	India	Catalysis for synthesis of organic chemicals	
IL-C06	2006/7/27	S. Kasztelan	IFP-Lyon	France	Hydrogen Treating of Transportation Fuels in Perspective	
IL-C07	2006/7/28	Makoto Nagata	N.E.Chemcat	Japan	Computer Simulation of DOC+CSF Systems for Diesel Exhaust Emission Control	
IO-A18	2006/7/26	Guang Cao	ExxonMobil Research and Engineering Co.		Recent Advances in Catalyst Technology for High Quality Fuels and Lubes.	
O-A03	2006/7/24	Avelino CORMA	Universidad Polit3cnica de Valencia	Spain	Relations between homogeneous and heterogeneous gold catalysis. Unique catalytic properties of gold for green chemistry	
O-A12	2006/7/28	Julian Ross	University of Limerick	Ireland	Robotic preparation of catalysts: the preparation of hydrotalcites and takovites by coprecipitation and a comparison with conventional methods	

	PL-01	2006/7/24	Friedbert Nees	BASF Aktiengesellschaft GCC	Germany	Heterogeneous Catalysis – From Innovative Concepts to Industrial Catalysts and Adsorbents	
	PL-02	2006/7/24	K.Kaneda	Osaka University	Japan	Opening New Avenues for Green Organic Syntheses Using Heterogeneous Metal Catalysts	
	PL-03	2006/7/25	John Pierce	DuPont	USA	Biotechnology and Our Material Future	
	PL-05	2006/7/26	Joachim Sauer	The Department of Chemistry of the Humboldt–University	Germany	Structure and reactivity of solid catalysts – quantum chemical approach	
	PL-06	2006/7/27	Enrique Iglesia	University of California at Berkeley	USA	Structural Requirements and Reaction Pathways in Methane Reactions Catalyzed by Supported Metal Clusters	
	PL-07	2006/7/27	Shinichi Matsumoto	Toyota Motor Corp.	Japan	Advances in automobile exhaust catalyst	
	PL-08	2006/7/28	Shu Kobayashi	The University of Tokyo	Japan	Novel catalysts toward truly efficient and powerful organic synthesis	
	PI-439	2006/7/27	Yasutaka NAGAI	TOYOTA Central R&D Labs., Inc.	Japan	Real-time observation of platinum redispersion on ceria-based oxide by in-situ Turbo-XAS	Nobuyuki TAKAGI(TOYOTA Motor Corporation),Yasuo IKEDA(TOYOTA Motor Europe Technical Centre),Kazuhiko DOHMAE(TOYOTA Central R&D Labs., Inc),Toshitaka TANABE(TOYOTA Central R&D Labs., Inc),Sakura PASCARELLI(European Synchrotron Radiation Facility),Gemma GUILERA(European Synchrotron Radiation Facility),Mark NEWTON(European Synchrotron Radiation Facility),Hirofumi SHINJOH(TOYOTA Central R&D Labs., Inc.),Shin'ichi MATSUMOTO(TOYOTA Motor Corporation)