

TOCAT7 Program for Poster Presentation, June 2 (Mon) 17:40-19:40

Title	Authors	Affiliation	Code	Date&Time	Room
Positive Effect of Oxidation Treatment on Methane Dry Reforming Performance of Ni-Based Structured Catalyst	Takeo Osuka, Keigo Masuda, Ryo Watanabe, Choji Fukuhara	Shizuoka University	GP1001	02-Jun-2014, 17:40-19:40	P1
Direct Utilization and Dry Reforming of CH ₄ over Promoted Ni/YSZ Anodes of SOFCs	Steven Sc Chuang, Jelvehnaz Mirzababaei, Azadeh Rismanchian, Ali Modjtahedi, Nader Hedayat	The University of Akron	GP1002	02-Jun-2014, 17:40-19:40	P1
Partial Oxidation of Methane over Supported Ni Catalysts Prepared from Ni-Ca/Al-Layered Double Hydroxide	Zulfakar Mokhtar, Tetsuya Shishido, Saburo Hosokawa, Kentaro Teramura, Tsunehiro Tanaka	Kyoto University, Tokyo Metropolitan University, Kyoto University, JST-PRESTO	GP1003	02-Jun-2014, 17:40-19:40	P1
Surface Reactivity of CH ₄ for Solid Oxide Fuel Cells Anode Using Reactive Molecular Dynamics Simulation	Leton C. Saha, Kazuhide Nakao, Takayoshi Ishimoto, Michihisa Koyama	Kyushu University, Japan Science and Technology Agency (JST)	GP1004	02-Jun-2014, 17:40-19:40	P1
H ₂ and Co Production from Carbon Dioxide Reforming of Methane over Ni-MgO-Ce _{0.8} Zr _{0.2} O ₂ Catalyst: Effect of MgO Loading	Won-Jun Jang, Yeol-Lim Lee, Dae-Woon Jeong, Jae-Oh Shim, Hak-Min Kim, Kyung-Won Jeon, Won-Bi Han, Hyun-Seog Roh	Yonsei University	GP1005	02-Jun-2014, 17:40-19:40	P1
Comparison of Ammonia Formation over Noble Metal Catalysts for Steam Reforming of Nitrogen-Containing Natural Gas	Fumihiko Watanabe, Ikuko Kaburaki, Naohiro Shimoda, Shigeo Satokawa	Seikei University	GP1006	02-Jun-2014, 17:40-19:40	P1
Catalytic Partial Oxidation of Methane over NiO/Ce _{0.75} Zr _{0.25-x} Mg _{2x} O ₂ Catalysts	Vissanu Meeyoo, Ratchapon Sukkaeo, Thirasak Rirksomboon	Mahanakorn University of Technology, Chulalongkorn University of Technology	GP1007	02-Jun-2014, 17:40-19:40	P1
Optimization of Catalytic Reforming and Hydrodewaxing Processes by Mathematical Modeling Method	Galina Silko, Emilia Ivanchina, Elena Ivashkina, Svetlana Kiseleva, Evgeniya Frantsina, Nataliya Belinskaya	National Research Tomsk Polytechnic University	GP1008	02-Jun-2014, 17:40-19:40	P1
Is Rh Location Critical on Rh/WO _x -Ce _{0.62} Zr _{0.38} O ₂ Catalysts in The Autothermal Reforming of n-C10?	Cyril Thomas, Thomas Bonnotte, Celine Sayag, Rachel P. Doherty, Jean-Marc Krafft, Christophe Methivier, Frederic Ser, Mickael Sicard	Université P. & M. Curie (UPMC), Université Lille Nord de France, ONERA	GP1009	02-Jun-2014, 17:40-19:40	P1
Influence of Rh Precursor and Loading in The Autothermal Reforming of n-C10 on Rh/CeO ₂ Catalysts	Cyril Thomas, Christian Okouby N'Guessan, Jean-Marc Krafft, Frederic Ser, Mickael Sicard	Université P. & M. Curie (UPMC), ONERA	GP1010	02-Jun-2014, 17:40-19:40	P1
Steam Reforming of Methanol on Copper Modified Molybdenum Carbide Catalysts	Yufei Ma, Guoqing Guan, Xiaogang Hao, Abuliti Abudula	Hirosaki University, Taiyuan University of Technology	GP1011	02-Jun-2014, 17:40-19:40	P1
High Thermal Conductivity Structured Bimetallic Catalysts for Low Temperature Ethanol Steam Reforming	Vincenzo Palma, Concetta Ruocco, Filomena Castaldo, Antonio Ricca, Daniela Boettge	University of Salerno, Fraunhofer-Institut für Keramische Technologien und Systeme, IKTS	GP1012	02-Jun-2014, 17:40-19:40	P1
Cobalt Supported Gamma-Al ₂ O ₃ Catalyst for Steam Reforming of Isobutanol for Production of Synthesis Gas	Vimala Dhanala, Sunil K. Maity, Debaprasad Shee	Indian Institute of Technology Hyderabad	GP1013	02-Jun-2014, 17:40-19:40	P1
Ethanol Steam Reforming over Nanocrystalline Ceria-Zirconia Complex Oxide Promoted by Co, Ni and Ru for Hydrogen Production	Natalia Mezentseva, Marina Smirnova, Tatiana Glazneva, Tamara Krieger, Anne-Cécile Roger, Ksenia Parkhomenko, Julian R.H. Ross, Vladislav Sadykov	Boreskov Institute of Catalysis, Novosibirsk State University, University of Strasbourg, University of Limerick	GP1014	02-Jun-2014, 17:40-19:40	P1
The Effect of Gas-Phase Alkali on Ni Based Catalysts Supported on K _{0.25} WO ₃ -ZrO ₂ for Biomass Tar Reforming	Angelica V. Gonzalez, Klas Engvall	KTH Royal Institute of Technology	GP1015	02-Jun-2014, 17:40-19:40	P1

Catalytic Steam Reforming of Acetone over Co/Ce _{1-x} Zr _x O ₂ Catalysts	Somsak Thaicharoensutcharittham, Vissanu Meeyoo, Boonyarach Kitiyanan, Pramoch Rangsunvigitt, Thirasak Rirkksomboon	Mahanakorn University of Technology, Chulalongkorn University	GP1016	02-Jun-2014, 17:40-19:40	P1
Synergistic Effects of CeO ₂ -Supported Bimetallic Catalysts on Steam Reforming of Ethanol	Takanori Saeki, Hironobu Ohkita, Noriyoshi Kakuta, Takanori Mizushima	Toyohashi University of Technology	GP1017	02-Jun-2014, 17:40-19:40	P1
CO ₂ Reforming of Ethanol on Supported Rh Catalysts	Asmaa Drif, Nicolas Bion, Rachid Brahmi, Laurence Pirault-Roy, Florence Epron	University of Poitiers, University Chouaib Doukkali	GP1018	02-Jun-2014, 17:40-19:40	P1
A Novel Structured Ni Nanocatalyst for Carbon Dioxide Reforming of Methane	Lin Zhang, Jian-Feng Chen, Yi Zhang	Beijing University of Chemical Technology	GP1019	02-Jun-2014, 17:40-19:40	P1
The Role of The Support for Platinum Based Catalysts in Low Temperature CO-Water Gas Shift	Vincenzo Palma, Domenico Pisano, Marco Martino, Antonio Ricca, Paolo Ciambelli	University of Salerno	GP1020	02-Jun-2014, 17:40-19:40	P1
Comparative Study on Cubic Cu-Ce _{0.8} Zr _{0.2} O ₂ and Tetragonal Cu-Ce _{0.2} Zr _{0.8} O ₂ Catalysts for The Low Temperature Water Gas Shift Reaction	Dae-Woon Jeong, Hyun-Suk Na, Jae-Oh Shim, Won-Jun Jang, Hyun-Seog Roh, Un Ho Jung, Wang Lai Yoon	Yonsei University, Korea Institute of Energy Research	GP1021	02-Jun-2014, 17:40-19:40	P1
Effect of Metal Loading on Selective CO Methanation over Ru-Ni/TiO ₂	Shohei Tada, Daisuke Minori, Fumito Otsuka, Ryuji Kikuchi	The University of Tokyo, Japan Society for the Promotion of Science	GP1022	02-Jun-2014, 17:40-19:40	P1
Methane Reforming Property of Ni/YSZ Catalyst Prepared by Electroless Plating for SOFC Anode with Internal Reforming	Wataru Kawasaki, Xiaojun Ma, Ryo Watanabe, Choji Fukuhara	Shizuoka University	GP1023	02-Jun-2014, 17:40-19:40	P1
Coupling Simulation of Diffusion and Reactions at Triple Phase Boundary of Solid Oxide Fuel Cell Anode	Shixue Liu, Kazuya Mihara, Haruhiko Kohno, Teppei Ogura, Takayoshi Ishimoto, Michihisa Koyama	Kyushu University, Japan Science and Technology Agency (JST), Kyushu Institute of Technology,	GP1024	02-Jun-2014, 17:40-19:40	P1
The Effect of Dopant on The Performance of Nickel Supported Doped Ceria as Anodes for Ethanol-Powered Solid Oxide Fuel Cell	Andressa A.A. Da Silv, Lisiane V. Mattos, Fabio B. Noronha	National Institute of Technology, Military Institute of Engineering, Fluminense Federal University	GP1025	02-Jun-2014, 17:40-19:40	P1
Metal Sulfides Catalyze Hydtrotreating of Palm Oil to Biohydrotreated Diesel	Kajornsak Faungnawakij, Atthapon Srifa, Chuleeporn Luadthong, Vorranutth Itthibenchapong, Sanchai Kuboon, Nawin Viriya-Empikul, Suttichai Assabumrungrat	National Nanotechnology Center, Chulalongkorn University	GP1026	02-Jun-2014, 17:40-19:40	P1
Methanolysis of Rapeseed Oil to Biodiesel Fuel with CaO and Amorphous n-Doped TiO ₂ Powders Encapsulated Microcapsule under The Light Irradiation	Moemi Watanabe, Takeshi Furusawa, Taki Matsumoto, Masahide Sato, Noboru Suzuki	Utsunomiya University	GP1027	02-Jun-2014, 17:40-19:40	P1
Application of TiO ₂ -ZrO ₂ -Based Catalyst to Decomposition for Heavy Oil Recovery under Superheated Steam Condition	Hisaki Kondoh, Kumiko Tanaka, Yuma Takeda, Yuta Nakasaka, Teruoki Tago, Takao Masuda	Hokkaido University	GP1028	02-Jun-2014, 17:40-19:40	P1
Steam Reforming of Biomass Gasification Tar Using Toluene as A Model Compound over Ni Catalysts Derived from Hydrotalcite-Like Precursors	Oswald C. V. Silva, Raimundo C. Rabelo Neto, Luiz P. Borges, Fábio B. Noronha	Military Institute of Engineering, National Institute of Technology	GP1029	02-Jun-2014, 17:40-19:40	P1
Gasification of Microalgae (Chlorella Vulgaris) in Supercritical Water Using Ruthenium and Nickel Catalysts	Laura Tiong, Masaharu Komiyama	University of Yamanashi	GP1030	02-Jun-2014, 17:40-19:40	P1
Cobalt-Imbedded Zeolite Catalyst for Direct Synthesis of Gasoline via Fischer-Tropsch Synthesis	Jiang-Yong Liu, Jian-Feng Chen, Yi Zhang	Beijing University of Chemical Technology	GP1031	02-Jun-2014, 17:40-19:40	P1
Molecule Based Detailed Kinetic Modeling of Fischer-Tropsch Reaction	Kishore Kondamudi, Sreedevi Upadhyayula	Indian Institute of Technology Delhi	GP1032	02-Jun-2014, 17:40-19:40	P1

Novel Iron Fischer-Tropsch Catalysts Supported on Ordered Mesoporous Carbons with Low Methane Selectivity	Kang Cheng, Mirella Virginie, Vitaly V. Ordonsky, Petr A. Chernavskii, M.I. Ivantsov, Qinghong Zhang, Ye Wang, Andrei Y. Khodakov	Unité de Catalyse et de Chimie du Solide, CNRS, Xiamen University, Moscow State University	GP1033	02-Jun-2014, 17:40-19:40	P1
Ring Opening of Tetralin on Mo ₂ C and Pt Combined with An Acidic Mesoporous Support	Colin Dupont, Céline Sayag, Juliette Blanchard, Catherine Louis, Marek Lewandowski, Christophe Geantet	Université P. & M. Curie (UPMC), Laboratoire de Réactivité de Surface, Center of Polymer and Carbon Materials, PAN, Marii Curie Sklodowskiej, IRCELYON, UMR CNRS, Université Claude Bernard Lyon 1	GP1034	02-Jun-2014, 17:40-19:40	P1
Kinetic Analysis for Methanol to DME Dehydration over H-MFI Zeolite	Massimo Migliori, Alfredo Aloise, Enrico Catizzone, Girolamo Giordano	University of Calabria	GP1035	02-Jun-2014, 17:40-19:40	P1
Hydroformylation of 1-Hexene on Supported Co/SiO ₂ Catalysts: Effects of Modified Support and Added Ru	Bin Wang, Jian-Feng Chen, Yi Zhang	Beijing University of Chemical Technology	GP1036	02-Jun-2014, 17:40-19:40	P1
Development of Hydrolysis Catalyst for The Production of Diesel Fraction Hydrocarbon from Oils and Fats	Yayoi Murakami, Haruki Tani, Kenji Asami, Kaoru Fujimoto	The University of Kitakyushu	GP1037	02-Jun-2014, 17:40-19:40	P1
Preparation of SiO ₂ -TiO ₂ and SiO ₂ -ZrO ₂ Catalysts by Gel Skeletal Reinforcement and Elucidation of Their Catalytic Cracking Properties as Matrices	Atsushi Ishihara, Daichi Sekii, Hiroyuki Nasu, Tadanori Hashimoto	Mie University	GP1038	02-Jun-2014, 17:40-19:40	P1
Inter-Conversion of Light Olefins on ZSM-5 in Catalytic Naphtha Cracking Condition	Na Young Kang, Dan Liu, Yong-Ki Park, You Jin Lee, Seong Ihl Woo	KRICT, Korea Advanced Institute of Science and Technology (KAIST)	GP1039	02-Jun-2014, 17:40-19:40	P1
Various Consecutive Catalytic Cracking Reactions of Plastic- Activity of The Metal Oxide Catalyst –	Kenta Takehara , Kazuki Otani Noriyasu Okazaki	Kitami Institute of Technology	GP1040	02-Jun-2014, 17:40-19:40	P1
Non-Oxidative Methane Dehydroaromatization over Highly Active Mo-H ZSM-5 Catalyst – Effect Catalyst Pretreatment	Pradeep Kumar Budde, Sreedevi Upadhyayula	Indian Institute of Technology Delhi	GP1041	02-Jun-2014, 17:40-19:40	P1
Hydrodeoxygenation of 1-Octanol over Supported Nickel Catalysts	Debaprasad Shee, Venkata Chandra Sekhar Palla, Sunil K. Maity	Indian Institute of Technology Hyderabad	GP1042	02-Jun-2014, 17:40-19:40	P1
Synthesis of Ethanol via Hydrogenation of Acetic Ester on Cu/SiO ₂ : Enhanced Activity with Plasma Treatment	Yuan Liu, Jihong Cheng, Shetian Liu, Wei Di, Shuxun Tian, Qi Sun	National Institute of Clean-and-Low-Carbon Energy	GP1043	02-Jun-2014, 17:40-19:40	P1
Hydrodeoxygenation and Isomerization on Reduced NiMo Catalysts	Ning Chen, Yuxiong Ren, Satoshi Takehara, Eika W. Qian	Tokyo University of Agriculture and Technology	GP1044	02-Jun-2014, 17:40-19:40	P1
Effects of Modification with Various Metals on Regeneration of Bronsted Acid Sites in Phosphorus-Modified H ZSM-5(Ga)	Takushi Sonoda, Nao Tsunoji, Yoshiyasu Furumoto, Masahiro Sadakane, Tsuneji Sano	Hiroshima University	GP1045	02-Jun-2014, 17:40-19:40	P1
Catalytic Cracking of Vacuum Gas Oil by Zeolite-Kaolin Composite Catalysts Using Curie Point Pyrolyzer	Atsushi Ishihara, Kentaro Kimura, Hiroyuki Nasu, Tadanori Hashimoto	Mie University	GP1046	02-Jun-2014, 17:40-19:40	P1
Synthesis of Tricyclopentadiene and Tetracyclopentadiene from Dicyclopentadiene over Mesoporous Materials in A Fixed-Bed Reactor	Eunseo Park, Jeongsik Han, Tae Soo Kwon, Jin-Heong Yim, Jong-Ki Jeon	Kongju National University, Agency for Defense Development, Poongsan Corporation Defense Business Unit, Kongju National University	GP1047	02-Jun-2014, 17:40-19:40	P1
Effect of Hydrothermal Treatment on Catalytic Properties of P-ZSM-5 Zeolite with High SiO ₂ /Al ₂ O ₃ Ratio in MTP Reaction	Shuxun Tian, Jihong Cheng, Wei Di, Yuan Liu, Shetian Liu, Qi Sun	National Institute of Clean-and-Low Carbon Energy	GP1048	02-Jun-2014, 17:40-19:40	P1

Density Functional Theory Study on Pt Clusters on Various Types of Carbon Surface	Ayumi Yamasaki, Takashi Yumura, Hisayoshi Kobayashi, Tokio Yamabe	Kyoto Institute of Technology, Nagasaki Institute of Applied Science	GP1049	02-Jun-2014, 17:40-19:40	P1
Influence of Support on Selective Phenol Hydrodeoxygenation	Priscilla M. De Souza, Raimundo C. Rabelo Neto, Luiz P. Borges, Fábio B. Noronha	Military Institute of Engineering, National Institute of Technology	GP1050	02-Jun-2014, 17:40-19:40	P1
Catalytic Decomposition of Methanethiol on TiO ₂	Takashi Mukoyama, Naohiro Shimoda, Shigeo Satokawa	Seikei University	GP1051	02-Jun-2014, 17:40-19:40	P1
Development of Hydrogenation Catalysts in Coal-Derived Syngas to Ethanol Conversion Processes	Jihong Cheng, Wei Di, Yuan Liu, Shuxun Tian, Sun Qi	National Institute of Clean-and-Low Carbon Energy	GP1052	02-Jun-2014, 17:40-19:40	P1
Vanadium-Ceria Catalysts for H ₂ S Biogas Clean-Up at Low Temperature	Vincenzo Palma, Daniela Barba, Paolo Ciambelli	University of Salerno	GP1053	02-Jun-2014, 17:40-19:40	P1
Effect of The Promoter Catalyst to Catalytic Hydrogenation of CO ₂	Fadime Hosoglu, Andreas Borgschulte, Andreas Zuetzel	Hydrogen & Energy Empa Swiss Federal Laboratories for Materials Testing and Research	GP1054	02-Jun-2014, 17:40-19:40	P1
Combined SSITKA/Operando FTIR Investigation of Deactivation of Nickel Methanation Catalysts in Syngas with or Without Sulfur	Benoit Legras, Vitaly V. Ordonsky, Christophe Dujardin, Mirella Virginie, Andrei Y. Khodakov	Unité de Catalyse et de Chimie du Solide, CNRS, Université Lille 1	GP1055	02-Jun-2014, 17:40-19:40	P1
Ammonia Decomposition for Hydrogen Production over Ni Catalysts Prepared from Hydrotalcite-Like Compounds	Naruhiko Abe, Shin-Ichiro Miyahara, Kyoko Honda, Katsutoshi Sato, Katsutoshi Nagaoka	Oita University, Kyoto University, JST CREST	GP1056	02-Jun-2014, 17:40-19:40	P1
Effect of Aggregation on Water Oxidation Catalysis Using Ruthenium Complexes	Paulpandian Muthu Mareeswaran, Jin Su Kim, Seong Ihl Woo	Korea Advanced Institute of Science and Technology	GP1057	02-Jun-2014, 17:40-19:40	P1
Catalytic Decomposition of Sulfuric Acid with Copper Vanadate for Solar Thermochemical Water Splitting Cycles	Takahiro Kawada, Tonami Tajiri, Hiroaki Yamashita, Satoshi Hinokuma, Masato Machida	Kumamoto University, Kyoto University	GP1058	02-Jun-2014, 17:40-19:40	P1
A Fast and Simple Fabrication Process of TiO ₂ Nanorod Arrays at Low Temperature in Atmosphere and Its Solution Growth Mechanisms	Yuh-Fan Su, Mong-Chieh Lee, Yang-Hsin Shih	National Taiwan University	GP1059	02-Jun-2014, 17:40-19:40	P1
Ag/TiO ₂ Thin Film as A Catalyst for Solar Energy Conversion	Hong-Ngee Lim	Universiti Putra Malaysia	GP1060	02-Jun-2014, 17:40-19:40	P1
The Role of WO _x Species in ORR over WO _x -Pt/C Electrocatalysts	Martha Hernandez, Rosa Gonzalez, Paz Del Angel	Instituto Politécnico Nacional, Instituto Mexicano del Petróleo	GP1061	02-Jun-2014, 17:40-19:40	P1
A Facile Method to Fabricate Fe/N-Doped Porous Carbons as Electrocatalysts for Oxygen Reduction Reactions	Shou-Heng Liu, Jyun-Ren Wu	National Kaohsiung University of Applied Sciences	GP1062	02-Jun-2014, 17:40-19:40	P1
First-Principles Study of Catalyst Activity on Metal Surface for Oxidation Reaction of Ethylene Glycol in Alkaline Fuel Cell	Shigeki Chieda, Nobuki Ozawa, Yuji Higuchi, Momoji Kubo	Tohoku University	GP1063	02-Jun-2014, 17:40-19:40	P1
Hydrotreatment of Glucose and Squalene Using Pt-based Catalyst	Kazuhisa Murata, Yanyong Liu, Megumu Inaba, Isao Takahara	National Institute of Advanced Industrial Science and Technology (AIST)	GP1064	02-Jun-2014, 17:40-19:40	P1
Kinetic Study of Tetrahydrotricyclopentadiene Using Acidic Ionic Liquid Catalyst	Dae Hyun Kima, Seon Gi Kima, Jeong Sik Hanb, Jong Ki Jeonc, Jin Heong Yima	Kongju National University, Agency for Defense Development	GP1065	02-Jun-2014, 17:40-19:40	P1
Enhanced Activity of Carbon Supported PdCo Electrocatalyst toward Electrooxidation of Ethanol	Suenghoon Han, Duck Hyun Youn, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP1066	02-Jun-2014, 17:40-19:40	P1
Synthesis of Sulfonic Acid Functionalized Hybrid Solid Acid Catalysts for Acid Catalyzed Reactions	Xiaomin Zhang, Peng Wang, Congming Li, Qihua Yang	Dalian Institute of Chemical Physics	GP1068	02-Jun-2014, 17:40-19:40	P2
Sulfonic Acid Functionalized Hyperbranched Polyethersulfone as A Novel Solid Acid Catalyst	Yuta Nabae, Jie Liang, Xuhui Huang, Teruaki Hayakawa, Masa-Aki Kakimoto	Tokyo Institute of Technology	GP1069	02-Jun-2014, 17:40-19:40	P2

Hybrid Materials Based on Heteropolyacids: Application in Isomerization of n-Hexane	Teresa Pinto, Véronique Dufaud, Frédéric Lefebvre	University of Lyon 1	GP1070	02-Jun-2014, 17:40-19:40	P2
Controlling The Size of MTW Zeolite and Their Catalytic Performance	Taichi Taniguchi, Keitaro Yoneta, Yuta Nakasaka, Teruoki Tago, Takao Masuda	Hokkaido University	GP1071	02-Jun-2014, 17:40-19:40	P2
Catalytic Conversion of Dimethyl Ether into Propylene over MCM-68 Zeolite	Sungsik Park, Y.Watanabe, S.Inagaki, Yoshihiro Kubota	Yokohama National University	GP1072	02-Jun-2014, 17:40-19:40	P2
Effects of Catalyst-Molding on The Conversion of 1,2-Propandiol to Propanal on FSM-16	Shigeru Sugiyama, Yasuhiro Okada, Yoshiki Yamane, Keizo Nakagawa, Masohiro Katoh, Yuuki Katou, Shuji Akihara, Toshiya Yasukawa, Wateru Ninomiya	The University of Tokushima, Mitsubishi Rayon Corporation	GP1073	02-Jun-2014, 17:40-19:40	P2
Diffusivity of n-Hexane within Coked H-ZSM-5	Junichi Nishimura, Hiroki Konno, Yuta Nakasaka, Teruoki Tago, Takao Masuda	Hokkaido University	GP1074	02-Jun-2014, 17:40-19:40	P2
Kinetics of Catalytic Cracking of Methyl-Cyclohexane over MFI-Type Zeolites	Ryota Ohnaka, Hiroki Konno, Yuta Nakasaka, Teruoki Tago, Takao Masuda	Hokkaido University	GP1075	02-Jun-2014, 17:40-19:40	P2
Dealumination Mechanism of TON Type Zeolite	Akihiro Kawamura, Syunsuke Kusatsugu, Hiroyasu Tamagawa, Manabu Miyamoto, Shigeyuki Uemiya, Yasunori Oumi	Gifu University	GP1076	02-Jun-2014, 17:40-19:40	P2
DFT Theoretical Studies on Reaction Mechanism of Dimethyl Ether Production from Methanol by Using Heteropolyoxometalate (Polyatom = Mo or W) Catalyst	Hiroaki Munakata, Nozomu Hatakeyama, Ryuji Miura, Ai Suzukia, Makoto Misono, Akira Miyamoto	Tohoku University, The University Tokyo	GP1077	02-Jun-2014, 17:40-19:40	P2
Dehydration of C3-C4 Alcohols over WO ₃ -Modified ZrO ₂ Catalyst	Hye In Sim, Jung-Hyun Park, Ji-Hye Ahn, Chae-Ho Shin	Chungbuk National University	GP1078	02-Jun-2014, 17:40-19:40	P2
Acrylic Acid Production from Lactic Acid by Gas Phase Dehydration Using Hydroxyapatite Catalysts	Ayumu Onda, Yumiko Matsuura, Shuhei Ogo, Kazumichi Yanagisawa	Kochi University	GP1079	02-Jun-2014, 17:40-19:40	P2
Acidic Property of Tungsten Oxide Catalysts Supported on Rare Earth Ion-Doped Zirconium Oxide and Their Structural Characterization	Takashi Yamamoto, Aoi Teramachi, Akihito Kurimoto	The University of Tokushima	GP1080	02-Jun-2014, 17:40-19:40	P2
Esterification of Oleic Acid to Methyl Oleate Using Acid-Activated Bentonite Catalyst	Duangamol Nuntasri Tungasmita, Sirima Jeenpadiphat	Chulalongkorn University	GP1081	02-Jun-2014, 17:40-19:40	P2
in situ Spectroscopic and Kinetic Elucidation of The Function of Acid-Base Sites in Urea Transesterification with Ethylene Glycol over Mixed Oxides	Dina Fakhrnasova, Ricardo Chimentão, Francisco Medina, Atsushi Urakawa	Universitat Rovira i Virgili, Institute of Chemical Research of Catalonia (ICIQ)	GP1082	02-Jun-2014, 17:40-19:40	P2
Preparation and Characterization of Solid Superbasic/Superacidic Catalysts for Biodiesel Application	Sihany Yu, Kuen-Song Lin, Ho-Yang Chan, Chia-Wei Shu, Jeffrey C.S. Wu, Kevin Chia-Wen Wu, Yu-Tzu Huang	Yuan Ze University, National Taiwan University, Chung Yuan Christian University	GP1083	02-Jun-2014, 17:40-19:40	P2
Study of Heterogeneous Catalysts for The Aldol Condensation of Acetone	Emanuelle Ligner, Nicolas Cadran, Sylvie Maury, Frédéric Meunier, Arnaud Travert	IFP Énergies Nouvelles, Institut de Recherches sur la Catalyse et l'Environnement, Laboratoire Catalyse et Spectrochimie, ENSICAEN	GP1084	02-Jun-2014, 17:40-19:40	P2
Synthesis of Barium Oxide Solid Base Catalyst from Hydrated Barium Hydroxide by Chemical Dehydration	Kohki Satoh, Sayaka Misu, Yukako Kikuchi, Takuma Satoh, Hiromi Matsushashi	Hokkaido University of Education	GP1085	02-Jun-2014, 17:40-19:40	P2
Generation of Catalytic Activity for Dealkylation of Alkyl naphthalene by Mixing MoO ₃ /Al ₂ O ₃ and Solid Acid	Naoki Uozumi, Taku Matsuoka, Naonobu Katada	Tottori University	GP1086	02-Jun-2014, 17:40-19:40	P2
Improvement of Catalysis by Localized Surface Plasmon Resonance of Size- and Color-Controlled Ag Using Microwave Heating and Mesopore Structure	Kojiro Fuku, Ryuunosuke Hayashi, Takashi Kamegawa, Kohsuke Mori, Hiromi Yamashita	Osaka University, Kyoto University	GP1088	02-Jun-2014, 17:40-19:40	P3

Optical Investigation of Palladium-Coated Gold Nanorods	Kitsakorn Locharoenrat, Pattareeya Kittidachachan	King Mongkut's Institute of Technology Ladkrabang	GP1089	02-Jun-2014, 17:40-19:40	P3
Active Skeletal Ni Catalysts Prepared from Pre-Crystallized Ni-Zr Amorphous Alloys	Ai Nozaki, Takashi Kamegawa, Tetsutaro Ohmichi, Hiromi Yamashita	Osaka University, Kyoto University	GP1090	02-Jun-2014, 17:40-19:40	P3
Effect of Metal Oxide Additive into Silica Shell on Catalytic Activity for Selective CO Methanation over Nickel Nanoparticles Encapsulated in A Hollow Silica Sphere	Takashi Harada, Takuji Misaka, Shigeru Ikeda, Michio Matsumura	Osaka University	GP1091	02-Jun-2014, 17:40-19:40	P3
Effect of Cr Addition to Cr-Co _{0.054} Ni _{0.018} Mg _{0.93} O Solid Solution Catalysts in Methane Reforming for Syngas Production at High Pressure	Katsutoshi Nagaoka, Yosuke Abe, Yusaku Hashimoto, Takahiro Ishikawa, Katsutoshi Sato, Yusaku Takita, Toshiya Wakatsuki, Masahiro Kunisu, Eri Suda, Shin Inamoto	Oita University, JST CREST, Kyoto University, Japan Petroleum Exploration Co., Ltd, Toray Research Center	GP1092	02-Jun-2014, 17:40-19:40	P3
Promoting Effect of Ceria in Ceria-Zirconia Supported Silver Catalyst	Zenaida Guerra Que, Gilberto Torres Torres, Jorge Norberto Beltramini	The University of Queensland	GP1093	02-Jun-2014, 17:40-19:40	P3
Colloidal Metal Nanoparticles as Selective Hydrogenation Catalysts	Seiji Yamazoe, Md. J. Sharif, Tatsuya Tsukuda	The University of Tokyo, Kyoto University	GP1095	02-Jun-2014, 17:40-19:40	P3
Synthesis of Nickel Compounds Nanoparticles and Their Oxygen Reduction Reaction	Changgyu An, Masafumi Nakaya, Kiyoshi Kanie, Atsushi Muramatsu	Tohoku University	GP1096	02-Jun-2014, 17:40-19:40	P3
Gold Nanoparticle-Containing Mesoporous Silica Particles Synthesized in A One-Pot Process	Ayumi Hirota, Haruyuki Ishii, Daisuke Nagao, Mikio Konno	Tohoku University	GP1097	02-Jun-2014, 17:40-19:40	P3
Gold Nuclei Decorated by CeO ₂ in Yolk-Shell Nanoreactors	Andrey Simakov, Viridiana Evangelista, Brenda Acosta, Serguei Miridonovc	Centro de Nanociencias y Nanotecnología, Universidad Nacional Autónoma de México, Centro de Investigación Científica y de Educación superior de Ensenada	GP1098	02-Jun-2014, 17:40-19:40	P3
Synthesis of Alcohols by Selective Hydrogenation of Carboxylic Acids and Esters over Pt-Fe Bimetallic Nanocatalysts	Linmin Ye, Jin Chen, Wenjing Li, Subin Zhang, Xinpeng Duan, Jianhui Li, Youzhu Yuan	Xiamen University	GP1099	02-Jun-2014, 17:40-19:40	P3
Vesicle-Assisted Chemical Reduction Method to Synthesis Hollow Ni-Co-B Amorphous Alloy Catalyst with Enhanced Performance	Wei Wei, Hui Li, Hexing Li	Shanghai Normal University	GP1100	02-Jun-2014, 17:40-19:40	P3
Effect of Metal Oxide Promoters on The Low Temperature CO Oxidation over The Water-Treated Pt/Alumina Catalyst	Atsuko Tomita, Ken-Ichi Shimizu, Kazuo Kato, Yutaka Tai	National Institute of Advanced Industrial Science and Technology (AIST), Hokkaido University, Japan Synchrotron Radiation Research Institute	GP1101	02-Jun-2014, 17:40-19:40	P3
A New Method to Synthesize One-Dimensional Cu NWs@ZIF-8 Core-Shell Heterstructure for Catalysis Application	Peijue Liu, Xufang Qian, Dieqing Zhang, Hexing Li, Kohsuke Mori, Hiromi Yamashita	Shanghai Normal University, Osaka University	GP1102	02-Jun-2014, 17:40-19:40	P3
Application of Hierarchically Ordered Macro-Mesoporous Silica as A Support of Active Ni Catalysts	Takahiro Ando, Takashi Kamegawa, Hiromi Yamashita	Osaka University	GP1103	02-Jun-2014, 17:40-19:40	P3
Synthesis of Size- and Morphology-Controlled Metal Nanoparticles by Combining Rapid and Uniform Microwave Heating and Mesoporous Structure	Ryunosuke Hayashi, Koujiro Fuku, Takashi Kamegawa, Kohsuke Mori, Hiromi Yamashita	Osaka University, Kyoto University	GP1104	02-Jun-2014, 17:40-19:40	P3
Synthesis of CoNi Nanoparticle and Application in Magnetic Support of Catalyst for Selective Hydrogenation	Shuji Tanabe, Hirotaka Kataoka, Yoshiaki Kido, Osamu Nakagoe	Nagasaki University	GP1105	02-Jun-2014, 17:40-19:40	P3
Oriented Synthesis of Target Products in Liquid-Phase Tandem Reaction over A Tripartite Zeolite Capsule Catalyst	Guohui Yang, Hajime Kawata, Yoshiharu Yoneyama, Noritatsu Tsubaki	University of Toyama	GP1106	02-Jun-2014, 17:40-19:40	P3

A Novel Core-Shell-Like Zeolite Capsule Catalyst for One-Step Ethanol Synthesis from Syngas	Peng Lu, Guohui Yang, Yuki Tanaka, Yoshiharu Yoneyama, Noritatsu Tsubaki	University of Toyama	GP1107	02-Jun-2014, 17:40-19:40	P3
Synthesis of Iron-Substituted MFI Zeolites with Tunable Sizes and Their Catalytic Activities	Hiroki Kobayashi, Masafumi Nakaya, Kiyoshi Kanie, Atsushi Muramatsu	Tohoku University	GP1108	02-Jun-2014, 17:40-19:40	P3
Molecular Sieve Catalysts with Layered Structure for Cumene Synthesis	Yilun Wei, Huanxin Gao, Ruifang Gu, Gaowei Wang	SINOPEC Shanghai Research Institute of Petrochemical Technology	GP1109	02-Jun-2014, 17:40-19:40	P3
Synthesise of KIT-6 Wrapped Nano-Sized ZSM-5 Composite Material-Supported Ni Mo Catalysts with Outstanding Isomerization Hydrodesulfurization Activity	Huadong Wu, Dinghong Qi, Aijun Duan, Zhen Zhao, Xiaofeng Zhou	China University of Petroleum	GP1110	02-Jun-2014, 17:40-19:40	P3
Use of Different Templates on SAPO-41 Synthesis: Effect on The Structure, Acidity and Catalytic Performance in Hydroisomerization	Aijuan Zhao, Wei Wu, Huimin Wu, Linfei Xiao, Xuefeng Bai, Xin Qi, Xuemei Song	Heilongjiang University	GP1111	02-Jun-2014, 17:40-19:40	P3
Incorporaiton of Ti into Layred Silicate HUS-2 by Grafting with Titanium Acetylacetonate and Its Photocatalytic Acitivity	Yuya Yagenji, Nao Tsunoji, Yusuke Ide, Masahiro Sadakane, Tsuneji Sano	Hiroshima University	GP1112	02-Jun-2014, 17:40-19:40	P3
On The Formation Mechanism of Nanostructured MFI Zeolite: Towards Molecular Understanding of Zeolite Synthesis by Templating Agents	Xiaochun Zhu, Maarten Goesten, R. Rohling, B.M. Szyja, J. Gascon, F. Kapteijn, Emiel Hensen	Eindhoven University of Technology, Delft University of Technology	GP1113	02-Jun-2014, 17:40-19:40	P3
MTO Reaction over The Zeolite Catalysts with The Al Distribution in The Framework Controlled	Toshiyuki Yokoi, Hiroshi Mochizuki, Masato Yoshioka, Seitaro Namba, Junko N. Kondo, Takashi Tatsumi	Tokyo Institute of Technology	GP1114	02-Jun-2014, 17:40-19:40	P3
Control of Deactivation of SiO ₂ /ZSM-5 Catalyst for Toluene Disproportionation into Para-Xylene by Feeding Hydrogen	Daisuke Mitsuyoshi, Misaki Kosaka, Naonobu Katada, Yasuhiro Araki	Tottori University, JX Nippon Oil & Energy Corp.	GP1115	02-Jun-2014, 17:40-19:40	P3
Preparation of A1- and A2-Isomers of Mono-Ruthenium Substituted Dawson-Type Phophotungstate with Aqua Ligand, [A1- or A2-P ₂ W ₁₇ O ₆₁ Ru(H ₂ O)] ⁷⁻ , and Their Catalytic Activity for Alcohol Oxidation	Kensuke Nishiki, Tsuneji Sano, Masahiro Sadakane	Hiroshima University, JST-PRESTO	GP1116	02-Jun-2014, 17:40-19:40	P3
Preparation and Structural Characterization of Polyoxometalate-Stabilized Ruthenium Oxide Nanoparticles and Their Activity for Water Oxidation	Yuuki Koyama, Hiroaki Kitatomi, Shuhei Ogo, Mayumi Miyamoto, Ayaka Suzuki, Tsuneji Sano, Masahiro Sadakane	Hiroshima University	GP1117	02-Jun-2014, 17:40-19:40	P3
An Overview of Industrial Developments and Commercial Applications of Niobium for Heterogeneous Catalysts and Energy-Related Materials	Robson S. Monteiro, Rogerio M. Ribas, Rogerio C. Guimarãesb Marcos Stuart	Catalysis Consultoria Ltda, Companhia Brasileira de Metalurgia e Mineração (CBMM)	GP1118	02-Jun-2014, 17:40-19:40	P3
Formation of Porous MoO _x by H ₂ Reduction of MoO ₃ under The Controlled Conditions	Takeshi Matsuda, Kenji Kawawada, Tomoya Ohno	Kitami Institute of Technology	GP1119	02-Jun-2014, 17:40-19:40	P3
Novel Preparations of Catalytic Ceria Nanoparticle-Assembled Hollow Mesoporous Silica Particles	Haruyuki Ishii, Saki Ito, Daisuke Nagao, Mikio Konno	Tohoku University	GP1120	02-Jun-2014, 17:40-19:40	P3
Nano-Structured Iron Molybdate Catalysts	Jonathan K. Bartley, Guojie Jin, Weihao Weng, Zhongjie Lin, Nicholas F. Dummer, Stuart H. Taylor, Christopher J. Kiely, Graham J. Hutchings	Cardiff University, Shanghai Research Institute of Petrochemical Technology, Lehigh University	GP1121	02-Jun-2014, 17:40-19:40	P3
An Efficient Route to Highly Active Mesoporous Manganese Oxides for Complete Oxidation of Formaldehyde at Low Temperature	Jhon Quiroz, Jean-Philippe Dacquin, Jean-Marc Giraudon, Jean-François Lamonier	Université Lille 1, Unité de Catalyse et Chimie du Solide	GP1122	02-Jun-2014, 17:40-19:40	P3

Pd Supported on Amine Functionalized MOF as An Efficient Catalyst for Dehydrogenation of Formic Acid at Ambient Temperature	Martin Martis, Meicheng Wen, Kohsuke Mori, Kensei Fujiwara, Wha-Seung Ahn, Hiromi Yamashita	Osaka University, Kyoto University, Inha University	GP1123	02-Jun-2014, 17:40-19:40	P3
Synthesis and Characterization of Ti-MCM-41 in Basic Buffer Solutions	Chongwen Jianga,, Sufeng Lai, Cancheng Bai	Central South University	GP1124	02-Jun-2014, 17:40-19:40	P3
Hydrogen Gas Evolution from Ethanol Steam Reforming Using Bimetallic NiW Oxides Loaded SBA-15 Catalyst	Dongjin Kim, Misook Kang	Yeungnam University	GP1125	02-Jun-2014, 17:40-19:40	P3
Preparation of Fischer-Tropsch Supported Cobalt and Ruthenium Catalysts Using A New Gas Anti-Solvent Process	Simon Antoni Kondrat, Raimon Marin, James Gallagher, Dan Enache, Thomas E Davies, Jonathan K Bartley, Stuart H Taylor, Matthew J Rosseinsky, Graham J Hutchings	Cardiff University, University of Liverpool, Johnson Matthey Plc.	GP1126	02-Jun-2014, 17:40-19:40	P3
Synthesis and Characterization of Hybrid Materials for The Oxidative Degradation of Lignin-Based Compounds	Andreia Nunes, Véronique Dufaud	University of Lyon 1	GP1127	02-Jun-2014, 17:40-19:40	P3
Immobilization of Cu Complex into A Zr-Based MOF with Bipyridine Units and Its Application for Selective Oxidation	Kenta Miyahara, Takashi Toyao, Yu Horiuchi, Masaya Matsuoka	Osaka Prefecture University	GP1128	02-Jun-2014, 17:40-19:40	P3
Selectively Loaded Copper Nanocatalyst Inside Carbon Nanotubes for Methyl Acetate Hydrogenation	Wenqi Niu, Ding Wang, Noritatsu Tsubaki	University of Toyama	GP1129	02-Jun-2014, 17:40-19:40	P4
Preparation and Surface Reactivity of Iron-Doped Titania Nanotubes	Chien-Tsung Wang, Hong-Syuan Lin, Yi-Chin Chiu, Chen-Hao Hsu	National Yunlin University of Science and Technology	GP1130	02-Jun-2014, 17:40-19:40	P4
Enhanced Stability of Ir-Cp* Water Oxidation Catalyst Based on Periodic Mesoporous Organosilicas	Xiao Liu, Yoshifumi Maegawa, Yasutomo Goto, Shinji Inagaki	Toyota Central R&D Labs, Japan Science and Technology Agency (JST)	GP1131	02-Jun-2014, 17:40-19:40	P4
γ -Valerolactone Production in A Continuous-Flow System Using Supported Molybdenum Carbide as Catalyst	Estevão Frigini Mai, Marta Albuquerque Machado, Victor Teixeira Da Silva	Universidade Federal do Rio de Janeiro	GP1132	02-Jun-2014, 17:40-19:40	P4
Porous Cermet Matrix MeAlO/Me Al-Based Composites as Supports and Catalysts	Serguei Fedorovich Tikhov, Vladislav Sadykov, Konstantin Valeev, Aleksey Salanov, Svetlana Cherepanova, Sergey Dimov, Evgenii Karpov, Vladimir Ramanenkau, Evgenii Piatsiushyk	Boreskov Institute of Catalysis SB RAS, Novosibirsk State University, Institute of Thermophysics SB RAS, Lavrentyev Institute of Hydrodynamics SB RAS, Belarusian National Technical University	GP1133	02-Jun-2014, 17:40-19:40	P4
Synthesis and Characterization of Cr ₂ O ₃ /Al ₂ O ₃ Catalysts for Dehydrogenation of C4-C5 Hydrocarbons	Tatiana Bugrova, Ksenya Biryukova, Oleg Magaev, Alexey Kreiker, Grigory Mamontov	Tomsk State University (TSU)	GP1134	02-Jun-2014, 17:40-19:40	P4
Uv-Light Photocatalytic Performance of TiO ₂ Complex Material Supported by Rice Husk	Qingge Feng	Guangxi University	GP1135	02-Jun-2014, 17:40-19:40	P4
Enhanced Photocatalytic Activity of Titania Based Heteronanostructures in The Visible Range	Victor E. Borisenko	Belarusian State University of Informatics and Radioelectronics	GP1136	02-Jun-2014, 17:40-19:40	P4
Microwave Synthesis of One-Dimensional Heterostructures for Sustainable Development of Environment and Energy Systems	Dieqing Zhang, Shuning Xiao, Shanshan Zhang, Peijue Liu, Hexing Li	Shanghai Normal University	GP1137	02-Jun-2014, 17:40-19:40	P4
Preparation of Titania and Zirconia Nanosheets by Using Graphene Oxide as A Template	Sakae Takenaka, Shunsuke Uwai, Shuhei Miyake, Hideki Matsune, Masahiro Kishida	Kyushu Univeristy, JST-PRESTO	GP1138	02-Jun-2014, 17:40-19:40	P4
Oxygen Storage Capacity of Sr-Fe Mixed Oxides Synthesized by Polymerized Complex Method	Kosuke Beppu, Saburo Hosokawa, Kentaro Teramura, Tsunehiro Tanaka	Kyoto University, JST-PRESTO	GP1139	02-Jun-2014, 17:40-19:40	P4
Ruthenium Catalyzed Ammonia Synthesis Using Alkaline Earth Titanates as Support Materials	Tokuichiro Yago, Genki Kamei, Yu Horiuchi, Masaya Matsuoka	Osaka Prefecture University	GP1140	02-Jun-2014, 17:40-19:40	P4

Highly Efficient One-Pot Oxidation by The Hydrophobic Core-Shell Catalyst	Kazuki Nakatsuka, Kohsuke Mori, Takashi Kamegawa, Hiromi Yamashita	Osaka University, Kyoto University	GP1141	02-Jun-2014, 17:40-19:40	P4
Adoption of Pt ₁₃ Cluster on Different Oxygen Ratio Graphene Oxide And CO Oxidation on These Surfaces Investigated with Theoretical Calculations	Shiuan-Yau Wu, Jia-Jen Ho	National Taiwan Normal University	GP1142	02-Jun-2014, 17:40-19:40	P4
Catalytic Activity Enhancement of CO ₂ Dissociation on Unzipped Graphene Oxide Supported Rhodium Nanoclusters A DFT Study	Chun-Chih Chang, Jia-Jen Ho	National Taiwan Normal University	GP1143	02-Jun-2014, 17:40-19:40	P4
Theoretical Calculations on The Oxidation of CO on The Carbon-Based Material Composed with Nickel Hydroxide And Reduced Graphene Oxide (Ni ₄ (OH) ₃ /RGO)	Chen-Hao Yeh, Jia-Jen Ho	National Taiwan Normal University	GP1144	02-Jun-2014, 17:40-19:40	P4
Frist Principles Design of Ab ₂ O ₅₋₈ Mullite Catalysts for Solid Oxide Fuel Cell Application	Chenzhe Li, Kyeongjae Cho	Seoul National University, University of Texas at Dallas	GP1145	02-Jun-2014, 17:40-19:40	P4
A General Method for The Synthesis of M-Sn (M=Pt, Rh, Ru, Ir, Pd and Ni) Bimetallic Catalysts	Haibo Zhu, Akshaya K Samal, Jean-Marie Basset	KAUST Catalysis Center, King Abdullah University of Science and Technology	GP1148	02-Jun-2014, 17:40-19:40	P4
Investigation of Monolayer Protected Platinum Nanoparticles as Catalytic Platforms	Alkesh Ahire, Anirban Ghosh, Nawal Kishor Mal, Rajiv Kumar	Tata Chemicals Ltd – Innovation Center	GP1149	02-Jun-2014, 17:40-19:40	P4/P5
Pyrolysis of Methane with Fe-Cr-Al Wire Resistive Catalyst	Svetlana S. Sigaeva, Pavel G. Tsyrlunikov	Institute of Hydrocarbons Processing of SB RAS	GP1150	02-Jun-2014, 17:40-19:40	P4/P5
Aggregation-Free Gold Nanoparticles in Ordered Mesoporous Carbons: Towards Highly Active and Stable Heterogeneous Catalysts for Selective Oxidation of Alcohols	Shuai Wang, Ying Wan	Shanghai Normal University	GP1151	02-Jun-2014, 17:40-19:40	P4/P5
Synthesis and Application of Metal Nanowire Crystal as Hydrogenation Catalysts	Sang-Gweon Jeon, Da-Min Park, Jin-Young Yang, Geon Joong Kim	Inha University	GP1152	02-Jun-2014, 17:40-19:40	P4/P5
Preparation of A Co-Precipitated Cu/ZnO/Al ₂ O ₃ Catalysts for Methanol Synthesis from Syngas	Mikyoung Park, Jin Hee Lee, Ramesh.S, Sang Woo Kim, Byoung Sung Ahn, Dong Ju Moon	KIST,Clean Energy Research Center UST,Clean Energy and Chemical Engineering	GP1153	02-Jun-2014, 17:40-19:40	P4/P5
One-Pot Sonochemical Synthesis of Reduced Graphene Oxide Uniformly Decorated with Ultrafine Silver Nanoparticles as Potential Catalyst	Huang Nay-Ming, Amir Moradi Golsheikh	University of Malaya	GP1154	02-Jun-2014, 17:40-19:40	P4/P5
Synthesis and Detailed Characterization of Plugged SBA-15	Rafael L. Oliveira, Mozaffar Shakeri, Petra E. De Jongh, Krijn P. De Jong	Utrecht University	GP1155	02-Jun-2014, 17:40-19:40	P4/P5
Enhanced Stability of Pd Supported on Plugged SBA-15 under Suzuki Reaction Conditions	Rafael De Lima Oliveira , Wuliyasu, Robertus J. M. Klein Gebbink, Krijn P. De Jong	Utrecht University	GP1156	02-Jun-2014, 17:40-19:40	P4/P5
Exceptional Performances of B-Oriented H ZSM-5 Layers for Catalytic Cracking of Hydrocarbon Fuels	Meiling Ji, Chen Chen, Guozhu Liu, Li Wang, Xiangwen Zhang	Tianjin University	GP1157	02-Jun-2014, 17:40-19:40	P4/P5
Exploring Stable ZSM-5/MCM-41 Zeolites for Catalytic Cracking of Dodecane: Effect of Initial Particle Size and Si/Al Ratio	Guozhu Li, Guozhu Liu, Jindan Na, Xiangwen Zhang Li Wang	Tianjin University	GP1158	02-Jun-2014, 17:40-19:40	P4/P5
Effects of Alcohol Addition to The Synthesis Batch on H ZSM-5 Coatings and Their Catalytic Performance in n-Dodecane Cracking	Sijing Pu , Guozhu Liua, Li Wang , Xiangwen Zhang	Tianjin University	GP1159	02-Jun-2014, 17:40-19:40	P4/P5
Heteropoly Acid/Carbon Nano-Tube Hybrid as Efficient Solid Acid Catalysts for Hydrolysis Reactions: Heterogeneous Beat Homogeneous	Wei Qi, Dangsheng Su	Institute of Metal Research, Chinese Academy of Sciences	GP1160	02-Jun-2014, 17:40-19:40	P4/P5

A New Approach on The Catalytic Performance of The Egyptian Natural Clay Catalysts for Synthesis of n-Butyl Acetate	Abd El-Aziz Ahmed Said, Aref Ahmed Aly, Mohamed Mahmoud Abd El-Wahab, Ali Ahmed Abd El-Hafez, Mohamed Nady Goda	Assiut University	GP1161	02-Jun-2014, 17:40-19:40	P4/P5
Synthesis and Characterization of CaO Supported on Magnetic Nanoparticles of CoFe ₂ O ₄ for Ethyl Transesterification	Diogo Gontijo Borgesa, José Mansur Assaf	Universidade Federal de São Carlos	GP1162	02-Jun-2014, 17:40-19:40	P4/P5
Hydrogenolysis of Glycerol to 1,2 Propandiol over Hydrotalcite Based Catalysts	Sang-Yong Lee, Jae-Sun Jung, Eun-Hyeok Yang, Seung-Hwan Lee, Dong-Ju Moon	Clean Energy Research Center, KIST, Clean Energy and Chemical Engineering, UST	GP1163	02-Jun-2014, 17:40-19:40	P4/P5
Development of New Catalysts Preparation Methods to Enhance The 1,3-Propanediol Selectivity in Glycerol Hydrogenolysis	Sara Garcia-Fernandez, Inaki Gandarias, Jesus Requies, Maria Belen Guemez, Pedro Luis Arias	University of the Basque Country (UPV/EHU)	GP1164	02-Jun-2014, 17:40-19:40	P4/P5
Morphologically Controllable Synthesis and Catalytic Activity of Well-Shaped Oxides and Metal/Oxides Catalysts	Zhaoyang Fei, Bo Sun, Wu Jiang, Lingli Gu, Weijie Ji, Chak-Tong Au	Nanjing University, Hong Kong Baptist University	GP1165	02-Jun-2014, 17:40-19:40	P4/P5
Production of Environmentally Friendly Components of Engine Fuels and Oils by Fischer-Tropsch Synthesis over Metals Supported on Polymeric Microspheres	Andrey Arkadievich Kozlov, Alla Yurievna Krylova, Maja Valerievna Kulikova	M. Lomonosov Moscow University of Fine Chemical Technologies	GP1166	02-Jun-2014, 17:40-19:40	P4/P5
Advanced Supported Ionic Liquid Phase (SILP) Materials for Intensified Catalytic Processes	Marco Haumann, Peter Wasserscheid	Universität Erlangen-Nürnberg	GP1167	02-Jun-2014, 17:40-19:40	P4/P5
A New Fabrication Route for Supported Mo-Based Hydrodesulfurization Catalyst and Its Enhanced Performance	Pei Yuan, Xiaojun Bao	China University of Petroleum	GP1168	02-Jun-2014, 17:40-19:40	P4/P5
A Photo-Cyanation Strategy-Derived CN Patterned Pt/C Electrocatalyst for Enhanced Methanol-Tolerant Oxygen Reduction Reactions	Renhong Li, Xiaoqing Yan, Hisayoshi Kobayashi, Jie Fan	Zhejiang University, Zhejiang Sci-Tech University, Kyoto Institute of Technology	GP1169	02-Jun-2014, 17:40-19:40	P4/P5
Microstructure of FTS Studies over Spherical Co/ γ -Al ₂ O ₃ Catalyst	Garam Choi, Jae-Sun Jung, Jae-Suk Lee, Dong Ju Moon	KIST, UST	GP1170	02-Jun-2014, 17:40-19:40	P4/P5
Niobium Phosphate Materials as Acid Catalysts Foresterification of Acetic Acidwith Ethanol: Effect of The Potassium Content and Calcination Temperature	Mayra Thomas, Marcos M. Botelho, Fernando C. Simões, Rogerio M. Ribas, Ronald-Alexander Miranda, Robson S. Monteiro, Ricardo R. Soares	Universidade Federal de Uberlândia, Faculdade de Engenharia Química, CBMM., Catalysis Consultoria Ltd.	GP1171	02-Jun-2014, 17:40-19:40	P4/P5
Performance and Characteristics of Nano-Composite MWNTs/PS-DVB Used as Catalyst For Ethylene Oxide Hydration	Wenjun He, Fengping Yu, Weimin Yang	Sinopec Shanghai Research Institute of Petrochemical Technology	GP1172	02-Jun-2014, 17:40-19:40	P4/P5
Advanced SMTO for High Yield of Light Olefins and Its Application	Hongxing Liu, Jiawei Teng, Weimin Yang, Xie Zaiku	Sinopec Shanghai Research Institute of Petrochemical Technology	GP1173	02-Jun-2014, 17:40-19:40	P4/P5
Syngas Production by Dry Reforming of Methane over NiO/Nb ₂ O ₅ /MgO Catalysts	Yvan J. O. Asencios, Jose M. Assaf, Elisabete M. Assaf	Universidade Federal de São Paulo, Universidade Federal de São Carlos, Universidade de São Paulo	GP1174	02-Jun-2014, 17:40-19:40	P4/P5
Sulfur Resistant Property of Ni-M-Al Based Catalysts(M=La, Ce and Fe) in n-Dodecane Autothermal Reforming	Suk Yong Jung, Dong Geon Ju, Soo Chool Lee, Jae Chang Kim	Research Institute of Advanced Energy Technology, Kyungpook National University	GP1175	02-Jun-2014, 17:40-19:40	P4/P5
Glycerol Steam Reforming over Y ₂ O ₃ Modified Ni/Zn(Al)O Catalyst	Yingying Zhan, Dongmei Gu, Chongqi Chen, Guohui Cai, Qi Zheng, Kemei Wei	Fuzhou University	GP1176	02-Jun-2014, 17:40-19:40	P4/P5
Dry Reforming of Glycerol for Syngas Production over 20 wt%Ni/80 wt% Limestone Based Catalyst	Chin Kui Cheng, Hua Chyn Lee, Jolius Gimbut	Universiti Malaysia Pahang	GP1177	02-Jun-2014, 17:40-19:40	P4/P5

Catalytic Performance of Ni/SBA-15 Catalysts Prepared by Cyclodextrins Modified Impregnation Method in CO ₂ Reforming of Methane	Huimin Liu, Yuming Li, Hao Wu, Dehua He	Tsinghua University	GP1178	02-Jun-2014, 17:40-19:40	P4/P5
Syngas Production by Steam CO ₂ Reforming of Methane over Hydrotalcite-Based Catalysts	Na Young Kim, Eun Hyeuk Yang, Sang Woo Kim, Byung Sung Ahn, Dong Ju Moon	Clean Energy Research Center, KIST, Clean Energy & Chemical Engineering, UST	GP1179	02-Jun-2014, 17:40-19:40	P4/P5
Dimethyl Carbonate Synthesis from Urea and Methanol over ZnO-Al ₂ O ₃ Catalysts	Xiaomin Wu, Ning Zhao, Wei Wei, Yuhan Sun	Chinese Academy of Sciences, University of Chinese Academy of Sciences, Shanghai Advanced Research Institute	GP1180	02-Jun-2014, 17:40-19:40	P4/P5
The Synergistic Effect Between Na, Mn and W in The Mn-Na ₂ WO ₄ /SiO ₂ Catalyst for The Oxidative Coupling of Methane	Liangguang Tang, Jonghyun Choi, Woo Jin Lee, Jim Patel, Nick Burke, Ken Chiang	CSIRO Earth Science and Resource Engineering, CSIRO Materials Science and Engineering	GP1181	02-Jun-2014, 17:40-19:40	P4/P5
Catalyst Poisoning During Biogas Steam Reforming: Experimental and Theoretical Investigation	Srinivas Appari, Vinod Janardhanan	Indian Institute of Technology Hyderabad	GP1182	02-Jun-2014, 17:40-19:40	P4/P5
Catalytic Upgrading of Macroalgal Bio-Oil for Advanced Biofuel Production	Jae Hyung Choi, Hee Chul Woo, Dong Jin Suh, Pradeep Biradara, Seung-Soo Kim	Pukyong National University, Korea Institute of Science and Technology, Kangwon National University	GP1183	02-Jun-2014, 17:40-19:40	P4/P5
Brazilian and American Al-Pillared Clays for Production of Dimethyl Ether Fuel	Francielle Marcos, Thaisa Matos, Elisabete Assaf	Universidade de São Paulo	GP1184	02-Jun-2014, 17:40-19:40	P4/P5
Optimization Study of Mixed Metal Oxides (MMOs) Catalyzed Transesterification System for Biodiesel Production	Hwei Voon Lee, Taufiq-Yap Yun Hin, Joon Ching Juan	University Malaya, Universiti Putra Malaysia	GP1185	02-Jun-2014, 17:40-19:40	P4/P5
Studies on The Fischer-Tropsch Synthesis over Co-Based Catalysts Supported on Modified SBA -15	Jae Suk Lee, Jae Sun Jung, Ga-Ram Choi, Kwan-Young Lee, Dong Ju Moon	Korea Institute of Science and Technology, University Science and Technology, Yonsei University, Korea University	GP1186	02-Jun-2014, 17:40-19:40	P4/P5
Catalysts for The Control of Coking During Hydrocracking of Fischer-Tropsch Wax	Myung-Gi Seo, Dae-Won Lee, Kwan-Young Lee, Dong Ju Moon	Korea University, Korea Institute of Science and Technology	GP1187	02-Jun-2014, 17:40-19:40	P4/P5
Effect of Nickel over Carbon Supports Catalysts on The Hydrocracking of Bitumen	Young Gul Hur, Sungmin Kim, Hee-Jun Eom, Kwan-Young Lee	Korea University	GP1188	02-Jun-2014, 17:40-19:40	P4/P5
Synthesis of Mixed Alcohols over Ni-Modified Alkali-Doped Molybdenum Sulfide Catalysts Prepared by Conventional Coprecipitation and by Microemulsion	Rodrigo Suárez París A, Magali Boutonneta, Sven Järås	KTH - Royal Institute of Technology	GP1189	02-Jun-2014, 17:40-19:40	P4/P5
Hydrothermal Stability Evaluation of Cobalt and Iron Oxides Catalysts During Total Oxidation of Lean Methane Mixtures	Adi Setiawan, Eric Kennedy, Bogdan Dlugogorski, Michael Stockenhuber	The University of Newcastle, Universitas Malikussaleh, Murdoch University	GP1190	02-Jun-2014, 17:40-19:40	P4/P5
Automotive Biofuels by Catalytic Hydrodeoxygenation (HDO) of Pyrolysis Oils from Forest Wood	Lorenzo Spadaro, Alessandra Palella, Aldo Mezzapica, Giuseppe Bonura, Francesco Arena, Francesco Frusteri	Istituto CNR-ITAE "Nicola Giordano", Università degli Studi di Messina	GP1191	02-Jun-2014, 17:40-19:40	P4/P5
Effect of Rapeseed Oil on The Hydroprocessing of Gas Oil-Rapeseed Oil Blends over Sulfided CoMoP/Al ₂ O ₃ and NiMoP/Al ₂ O ₃ Catalysts	Irina Valerievna Deliy, Eugenia N. Vlasova, Alexei L. Nuzhdin, Pavel V. Aleksandrov, Evgeny Yu. Gerasimov, Galina A. Bukhtiyarova	Boreskov Institute of Catalysis SB RAS, Novosibirsk State University	GP1192	02-Jun-2014, 17:40-19:40	P4/P5

The Combinations of Calcium Oxide and Cu/ZrO ₂ Catalyst and Their Selective Products on CO ₂ Hydrogenation	Soipatta Soisuwan, Orawan Maunghimapan, Chalida Nimnul, Piyasan Praserttham	Burapha University, Chulalongkorn University	GP1193	02-Jun-2014, 17:40-19:40	P4/P5
Fe Catalyst for The Production of High Calorific Synthetic Natural Gas (SNG)	Yong Hee Lee, Dae-Won Lee, Kwan-Young Lee	Korea University	GP1194	02-Jun-2014, 17:40-19:40	P4/P5
The Study of n-Doped Ultradispersed Diamond with Difference sp ² /sp ³ Ratio Structures as Electrocatalyst for Oxygen Reduction Reaction	Yansong Zhu, Yangming Lin, Dangsheng Su	Institute of Metal Research	GP1195	02-Jun-2014, 17:40-19:40	P4/P5
K and Co Modified Mo ₂ C in CO ₂ Hydrogenation	Yo Han Choi, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP1196	02-Jun-2014, 17:40-19:40	P4/P5
Trimetallic Substitution of LaNiO ₃ for Dry Reforming of Methane	Won Yong Kim, Jum Suk Jang, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP1197	02-Jun-2014, 17:40-19:40	P4/P5
The Role of K and Co-promoter on Mo ₂ C for CO ₂ Hydrogenation	Yo Han Choi, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP1198	02-Jun-2014, 17:40-19:40	P4/P5
Combined Steam and CO ₂ Reforming with CH ₄ over Ni/Al ₂ O ₃ Catalysts Prepared with Different Organic Acid Solution	Hye Yong Lee, Jong Wook Bae	Sungkyunkwan University	GP1199	02-Jun-2014, 17:40-19:40	P4/P5
Kinetics of Different Phases of Iron Oxides for Chemical Looping Application	Min hye Jeong, Jong wook Bae	Sungkyunkwan University	GP1200	02-Jun-2014, 17:40-19:40	P4/P5
Stability and Degradation of Pt-Ru alloy for Anode Catalyst Against CO in PEFC Fuel Cell using Multi-Scale Simulation	Md. Khorshed Alam, Hiromitsu Takaba	Kogakuin University	GP1201	02-Jun-2014, 17:40-19:40	P4/P5
Tuning the Oxygen Content of Graphene Oxide and Application for Functional Support Material for Selective Hydrogenation	Naoki Morimoto, Yasuo Takeuchi, Yuta Nishina	Okayama University	GP1202	02-Jun-2014, 17:40-19:40	P4/P5
Palladium-Decorated Amino-functionalized Organozinc Composites as Stable and Highly-active Heterogeneous Catalyst for Suzuki-Miyaura Coupling	Hemant Choudhary, Shun Nishimura, Kohki Ebitani	Japan Advanced Institute of Science and Technology	GP1203	02-Jun-2014, 17:40-19:40	P4/P5
Production of H ₂ -free CO from Formic Acid over ZrO ₂ Catalyst	Dong-Chang Kang, Jung-Hyun Park, Hyun-Ju Lee, Chae-Ho Shin	Chungbuk National University, Mine Reclamation Corp.	GP1204	02-Jun-2014, 17:40-19:40	P4/P5
Hydrothermal Synthesis of Crystalline Niobium Oxides and the Comparison of Their Catalytic Activity as Solid Acid	Toru Murayama, Jun hirata, Keeko Matsumoto, Wataru Ueda	Hokkaido University	GP1205	02-Jun-2014, 17:40-19:40	P4/P5
Lewis Acid Catalysis of Tantalum-Loaded Mesoporous Silica in Water	Shingo Shimizu	Tokyo Institute of Technology	GP1206	02-Jun-2014, 17:40-19:40	P4/P5
Titanium Deposited Mesoporous Silica as a Lewis Acid Catalyst Workable in Water	Hiroshi Shintaku, Kiyotaka Nakajima, Masaaki Kitano, Michikazu Hara	Tokyo Institute of Technology	GP1207	02-Jun-2014, 17:40-19:40	P4/P5
Reaction Mechanism for HMF Production from Glucose Aqueous Solution over Phosphate/TiO ₂	Ryouhei Noma, Kiyotaka Nakajima, Masaaki Kitano, Shigenobu Hayashi, Michikazu Hara	Tokyo Institute of Technology	GP1208	02-Jun-2014, 17:40-19:40	P4/P5
Synthesis of Novel Solid Base Catalyst Using Porous Nitrogen-doped Carbon Materials	Takuya Miyachi, Masaru Ogura	The University of Tokyo	GP1209	02-Jun-2014, 17:40-19:40	P4/P5
Effects of Dealumination of H-BEA Zeolites on The Dehydration of Xylose	Su Jin You, Eun Duck Park	Ajou University	GP1210	02-Jun-2014, 17:40-19:40	P4/P5
Selective Lactic Acid Production from 1,3-dihydroxyacetone in Water over WO ₃ /ZrO ₂ with Water-tolerant Bronsted and Lewis Acid Sites	Daiki Takeda, Kiyotaka Nakajima, Masaaki Kitano, Michikazu Hara	Tokyo Institute of Technology	GP1211	02-Jun-2014, 17:40-19:40	P4/P5

Direct Conversion of Glycerol to Lactic Acid over TiO ₂ -Supported Ru Catalysts	Ayaka Suzuki, Tasuku Komanoya, Kiyotaka Nakajima, Masaaki Kitano, Michikazu Hara	Tokyo Institute of Technology	GP1212	02-Jun-2014, 17:40-19:40	P4/P5
ZrO ₂ as an Acid-base Bifunctional Catalyst for the Meerwein-Ponndorf-Verley Reduction	Tasuku Komanoya, Kiyotaka Nakajima, Masaaki Kitano, Michikazu Hara	Tokyo Institute of Technology	GP1213	02-Jun-2014, 17:40-19:40	P4/P5

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Title	Authors	Affiliation	Code	Date&Time	Room
Hydrodeoxygenation of Bio-Oil over Sulfided CoMo Catalysts	Makoto Toba, Takehisa Mochizuki, Shih-Yuan Chen, Yohko Abe, Yuji Yoshimura	National Institute of Advanced Industrial Science and Technology (AIST)	GP2001	03-Jun-2014, 17:40-19:40	P1
CO ₂ Capture Using Seawater: Application for Offshore Gas Production	Supaphorn Palitsakun, Kandis Sudsakorn, Peerawat Pienousa, Chanin Panjapornpon	Kasetsart University	GP2002	03-Jun-2014, 17:40-19:40	P1
Recovery of Glycols from Aqueous Solutions via Acid Catalyst-Assisted Reactive Distillation: Process Development and Economical Assessment	Marcia Araque, Luis F. Amaral Da Cruz, Benjamin Katryniok, Sébastien Paula, Franck Dumeignil	Ecole Centrale de Lille, Unité de Catalyse et Chimie du Solide, Université Lille1, Ecole Nationale Supérieure de Chimie de Lille, Institut Universitaire de France	GP2003	03-Jun-2014, 17:40-19:40	P1
Influence of The Support and Other Parameters on The Hydrogenolysis of Glycerol to 1,3-Propanediol on Re-Modified Catalysts	Johannes Kraft, Gustavo Paim Valença, Peter Claus	Ernst-Berl-Institut, Universidade Estadual de Campinas	GP2004	03-Jun-2014, 17:40-19:40	P1
Studies on Direct Conversion of Ethanol into Ethylene Oxide on Zeolites	Carolina Martins, Claudio Mota	Federal University of Rio de Janeiro	GP2005	03-Jun-2014, 17:40-19:40	P1
Catalytic Transfer Hydrogenation of Levulinate Esters to γ -Valerolactone over Supported Ruthenium Hydroxide Catalysts	Yasutaka Kuwahara, Wako Kaburagi, Tadahiro Fujitani	National Institute of Advanced Industrial Science and Technology (AIST)	GP2006	03-Jun-2014, 17:40-19:40	P1
Malgae Hydrothermal Liquefaction for The Production of Fuels and Chemicals	Christophe Geantet, Lis Ramirez, Pavel Afanasiev, Dorothée Laurenti	Institut de Recherches sur la Catalyse et l'environnement de Lyon (IRCELYON), UMR CNRS Univeristé Lyon	GP2007	03-Jun-2014, 17:40-19:40	P1
Catalytic Dehydration of Glucose to HMF Using TiO ₂ -ZrO ₂ Mixed Oxides	Luqman Atanda, Jorge Beltramini	The University of Queensland	GP2008	03-Jun-2014, 17:40-19:40	P1
Direct Oxidative Transformation of Glycerol to Acrylic Acid over Phosphoric Acid Treated W-V-Nb Complex Metal Oxide Catalysts	Kaori Omata, Keeko Matsumoto, Toru Murayama, Wataru Ueda	Hokkaido University	GP2009	03-Jun-2014, 17:40-19:40	P1
Trimetallic Catalysts for The Base Free Oxidation of Glycerol	Peter Miedziak, Simon Kondrat, Mark Douthwaite, Gemma Brett, Thomas Davies, Jennifer Edwards, Stuart Taylor, Graham Hutchings	Cardiff University	GP2010	03-Jun-2014, 17:40-19:40	P1
Ethyl Levulinate Production Using Sulfonated Carbon Nanotubes as Catalyst	Victor Teixeira Da Silva, Bianca Lira Oliveira	Universidade Federal do Rio de Janeiro	GP2011	03-Jun-2014, 17:40-19:40	P1
Oxidative Dehydration of Glycerol to Acrylic Acid and Acrolein over Metallic Catalyst Supported in Niobium Phosphate	Carolina Pestana, Claudio Mota	Federal University of Rio de Janeiro	GP2012	03-Jun-2014, 17:40-19:40	P1
Conversion of Wood Chips to Valuable Chemicals Using Supported Metal Catalysts in High-Temperature Liquid Water	Aritomo Yamaguchi, Osamu Sato, Naoki Mimura, Masayuki Shirai	National Institute of Advanced Industrial Science and Technology (AIST)	GP2013	03-Jun-2014, 17:40-19:40	P1
Catalytic Conversion of Lignocellulosic Biomass to Second Generation Biofuel Using Ionic Liquid	Firdaus Parveen, Sreedevi Upadhyayula	Indian Institute of Technology Delhi	GP2014	03-Jun-2014, 17:40-19:40	P1
Glycerol Valorization by Catalytic Dehydration to Acrolein and Ammoxidation to Acrylonitrile: Catalyst and Subsequent Reactor Design	Franck Dumeignil, Roger Melendez, Mickaël Capron, Sébastien Paul, Patrick Rey, Stéphane Pariente, Virginie Bellière-Baca, Benjamin Katryniok	Unité de catalyse et Chimie du Solide, Université Lille Nord de France, Institut Universitaire de France, Ecole Centrale de Lille, ADISSEO France SAS, Rhodia France	GP2015	03-Jun-2014, 17:40-19:40	P1

Hydrogenation of Sugars over Supported Metal Catalyst: Effect of Support	Anup Tathod, Paresh Dhepe	CSIR-National Chemical Laboratory	GP2016	03-Jun-2014, 17:40-19:40	P1
One-Pot Method for The Conversion of Hemicellulose Using Brønsted Acidic Ionic Liquids	Babasaheb Matsagar, Paresh Dhepe	CSIR-National Chemical Laboratory	GP2017	03-Jun-2014, 17:40-19:40	P1
Entropically-Favored Adsorption of Cellulosic Molecules onto Carbon Materials by Hydrophobic Functionalities	Mizuho Yabushita, Hirokazu Kobayashi, Jun-Ya Hasegawa, Kenji Hara, Atsushi Fukuoka	Hokkaido University	GP2018	03-Jun-2014, 17:40-19:40	P1
Hydrogen Production from Sorbitol in A Fixed Bed Reactor (FBR) Using Ru-Au Supported Catalysts	A.Izquierdo Colorado, G. Torres-Torres, Jorge N. Beltramini	The University of Queensland	GP2019	03-Jun-2014, 17:40-19:40	P1
Catalytic Conversion of Sorbitol to Sorbitan by Means of Preferential Adsorption	Hirokazu Kobayashi, Shogo Ito, Mizuho Yabushita, Atsushi Fukuoka	Hokkaido University	GP2020	03-Jun-2014, 17:40-19:40	P1
Glycerol - Boric Acid/Triacetylborate Mediated Syntheses of Novel 2-Heterostyrylbenzimidazole derivatives: A Green Approach	Rama Devi Bhoomireddy, T. Ashok Kumar, P. K. Dubey	Jawaharlal Nehru Technological University Hyderabad	GP2021	03-Jun-2014, 17:40-19:40	P1
Study of Liquid Phase HMF Oxidation Comparing Catalytic Activity Obtained Using Different Catalytic Systems Based on Non-Noble Metals	Nicoleta Petrea, Florentina Neațu, Vasile Șomoghi, Andrada Pretorian, Roxana Marin, Mihaela Mureșan, Georgeta Mitru, Răzvan Petre	Scientific Research Centre for CBRN Defense and Ecology, University of Bucharest, SC STIMPEX SA	GP2022	03-Jun-2014, 17:40-19:40	P1
Valorization of Lignin Depolymerization Products over Cu-Doped Mg Al Mixed Oxide Catalyst in Supercritical Ethanol	Xiaoming Huang, Tamás I. Korányi, Michael Boot, Emiel J.M. Hensen	Eindhoven University of Technology	GP2023	03-Jun-2014, 17:40-19:40	P1
Heterogeneous Catalyst System for The Reaction of Citral to Menthol	Jutta Plößler, Martin Lucas, Peter Claus	Technische Universität Darmstadt	GP2024	03-Jun-2014, 17:40-19:40	P1
Performance and Characterization of ReO _x -Pd/SiO ₂ Catalyst for Hydrogenation of Fatty Acid to Fatty Alcohol	Yasuyuki Takeda, Masazumi Tamura, Yoshinao Nakagawa, Keiichi Tomishige	Tohoku University	GP2025	03-Jun-2014, 17:40-19:40	P1
Synthesis and Fabrication of Heterogeneous Catalyst Pellet from Waste Eggshell to Improve Biodiesel Production Process	Nawin Viriya-Empikul, Pattaporn Changsuwan, Namtip Patmai, Kajornsak Faungnawakij	National Nanotechnology Center (NANOTEC), NSTDA	GP2026	03-Jun-2014, 17:40-19:40	P1
Ring-Rearrangement of 5-Hydroxymethylfurfural to Cyclopentanone Derivative over Supported Au Catalysts	Ryusuke Kanao, Akihiko Esaki, Junya Ohyama, Atsushi Satsuma	Nagoya University	GP2027	03-Jun-2014, 17:40-19:40	P1
Direct Synthesis of Diphenyl Carbonate from Methanol and Carbon Dioxide over Metal-Salen Catalysts	Ki Hyuk Kang, Jin Oh Jun, Seung Ju Han, Kihyeok Kwon, Dong Baek Kim, Yeonju Lee, O-Sung Kwon, In Kyu Song	Seoul National University, Samsung Cheil Industries Inc.	GP2028	03-Jun-2014, 17:40-19:40	P1
Esterification of Carboxylic Acids with Alkyl Halides in Highly Recyclable Room Temperature Ionic Liquids Containing Bis-Trifluoromethane Sulfonimide Anions	Arvind H. Jadhav, Vishwanath Hiremath, Hanyeong Lee, Kyuyoung Lee, Jeong Gil Seo	Myongji University	GP2029	03-Jun-2014, 17:40-19:40	P1
Microwave-Assisted, Rapid Cycloaddition of Allyl Glycidyl Ether and CO ₂ by Employing Pyridinium-Based Ionic Liquids as A Catalyst	Jose Tharun, Amal Cherian Kathalikkattil, Roshith Roshan, Hee-Chul Woo, Dea-Won Park	Pusan National University, Pukyong National University	GP2030	03-Jun-2014, 17:40-19:40	P1
CO ₂ Hydrogenation to Methanol over Cu/ZSM-5—SBA-15 Composite Catalyst	Nopporn Teabpinyok, Metta Chareonpanich	Kasetsart University	GP2031	03-Jun-2014, 17:40-19:40	P1
Development and Performance of Novel Ni-Based Catalyst for CO ₂ Methanation	Kotaro Hayakawa, Ryo Watanabe, Choji Fukuhara	Shizuoka University	GP2032	03-Jun-2014, 17:40-19:40	P1
Synthesis, Characterization, and N ₂ /CO ₂ Adsorptive Selectivity of Zinc Metal Azolate Frameworks	Chao-Lung Chiang, Kuen-Song Lin, Abhijit Krishna Adhikari, Tyz-Wei Chang	Yuan Ze University	GP2033	03-Jun-2014, 17:40-19:40	P1
Amino Acid Functionalized Ionic Liquids for CO ₂ Capture and Subsequent Conversion into Oxazolidinone Derivatives	Vishwanath Hiremath, Hanyeong Lee, Jeong Gil Seo	Myongji University	GP2034	03-Jun-2014, 17:40-19:40	P1

Ethanol Steam Reforming over A Mesoporous Ni-Al ₂ O ₃ -ZrO ₂ Aerogel Catalyst	Seung Ju Han, Yongju Bang, Jaekyeong Yoo, Ki Hyuk Kang, Ji Hwan Song, Jeong Gil Seo, In Kyu Song	Seoul National University, Myongji University	GP2035	03-Jun-2014, 17:40-19:40	P1
Catalytic Cracking of 4-(1-Naphthylmethyl) Bibenzyl in Sub- and Supercritical Water	Chuang Xing, Jian Sun, Ruiqin Yang, Yoshiharu Yoneyama, Noritatsu Tsubaki	University of Toyama, Zhejiang University of Science and Technology	GP2036	03-Jun-2014, 17:40-19:40	P1
Steam Reforming of Ethanol for Hydrogen and Syngas Production over Perovskite-Type Ni(Co, Ru) Ferrites as Catalyst Precursors	Svetlana Pavlova, Marina Arapova, Galina Alikina, Vladimir Rogov, Tamara Krieger, Arkadii Ishchenko, Vladislav Sadykov, Anne-Cecile Roger	Boreskov Institute of Catalysis, Novosibirsk State University, University of Strasbourg	GP2037	03-Jun-2014, 17:40-19:40	P1
Effect of Cerium Addition to Hydrotalcite Based Catalysts for Low-Temperature Methane Dry Reforming	Radoslaw Debek, Katarzyna Zubek, Monika Motak, Patrick Da Costa, Teresa Grzybek	AGH University of Science and Technology, Sorbonne Universités	GP2038	03-Jun-2014, 17:40-19:40	P1
Synthesis of Lower Olefins from Synthesis Gas over Iron Catalysts	Kazuki Komiyama, Fumiaki Amano, Kenji Asami	The University of Kitakyushu	GP2039	03-Jun-2014, 17:40-19:40	P1
Synthesis of Hydrocarbon Fuel from Fatty Acid Derivative over Ni-Mo Catalyst	Hiroyuki Imai, Miku Abe, Toshiyuki Kimura, Xiaohong Li, Sachio Asaoka	The University of Kitakyushu	GP2040	03-Jun-2014, 17:40-19:40	P1
Steam Conversion of Biogas over The Co-Ir/Al ₂ O ₃ Catalysts	Yerzhan Y. Nurmakanov, Sholpan S. Itkulova, Gaukhar D. Zakumbaeva, Saule A. Imankulova, Nurzhan N. Nurgaliyev, Altynai Z. Ospanova	D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry, K.I.Satpaev Kazakh National Technical University, Al Farabi Kazakh National University	GP2041	03-Jun-2014, 17:40-19:40	P1
Al-MCM-41 Catalysts in The Flash Pyrolysis of Eucalyptus	Camila Oliveira Felix, Aroldo Felix De Azevedo Jr., Roger Frety, Victor Teixeira Da Silva, Soraia Teixeira Brandao	Universidade Federal da Bahia, Universidade Federal do Rio de Janeiro	GP2042	03-Jun-2014, 17:40-19:40	P1
Selective Production of Cyclohexanol and Methanol from Guaiacol over Ru/C and MgO	Momoko Ishikawa, Masazumi Tamura, Yoshinao Nakagawa, Keiichi Tomishige	Tohoku University	GP2043	03-Jun-2014, 17:40-19:40	P1
Phenylacetylene Hydrogenation over Surface Hydrophobicity-Modified Nickel/Mesocellular Silica Catalyst by Carbon Nanofibers	Waleeporn Donphai, Takashi Kamegawa, Metta Chareonpanich, Hiromi Yamashita	Kasetsart University, Osaka University, Kyoto University	GP2044	03-Jun-2014, 17:40-19:40	P1
Enhanced Selectivity of IPN Hydrogenation on K Modified Ni-Co Supported Catalyst	Chang Liu, Tiefeng Wang	Tsinghua University	GP2045	03-Jun-2014, 17:40-19:40	P1
Efficient Ethanol Production from Hydrogenation of Dimethyl Oxalate over Nickel-Based Bimetallic Catalysts	Jianhui Li, Xinpeng Duan, Linmin Ye, Lili Yu, Haiqiang Lin, Youzhu Yuan	Xiamen University	GP2046	03-Jun-2014, 17:40-19:40	P1
Directly Methane Decomposition over Ni-Based Structured Catalyst and Effect of Silica-Coating	Hidenori Kato, Ryo Watanabe, Choji Fukuhara	Shizuoka University	GP2047	03-Jun-2014, 17:40-19:40	P1
Development of A Green Synthetic Route to Silyl Isocyanates from Hydrosilanes and Urea by Supported Gold Catalysts	Kento Taniguchi, Shintaro Itagaki, Kazuya Yamaguchi, Noritaka Mizuno	The University of Tokyo	GP2048	03-Jun-2014, 17:40-19:40	P1
Sustainable Synthesis of Zn-Al-LDH Catalysts for Ecofriendly Manufacture of Epoxides	Rodica Zăvoianu, Octavian D. Pavel, Corina Bradu, Anca Cruceanu, Ruxandra Birjega, Cosmin M. Corobea	University of Bucharest, National Institute for Physics of Laser, The National Institute for Research & Development in Chemistry and Petrochemistry, ICECHIM-Bucharest	GP2049	03-Jun-2014, 17:40-19:40	P1

Influence of Fe Cation Addition on Selective Hydrogenation of Cinnamaldehyde over Pt/SiO ₂ Catalyst	Yoshiki Matsumoto, Tomota Imai, Taiki Hara, Atsushi Okemoto, Keita Taniya, Yuichi Ichihashi, Satoru Nishiyama	Kobe University	GP2050	03-Jun-2014, 17:40-19:40	P1
Preparation of Ni Based Alloy Catalysts and Application for Various Organic Reactions	Shogo Shimazu, Miki Kamata, Wahyu Satpriyo Putro, Rodiansono, Takayoshi Hara, Nobuyuki Ichikuni	Chiba University, Lambung Mangkrat University	GP2051	03-Jun-2014, 17:40-19:40	P1
Epoxidation of Cyclic Alkenes Using Gold Catalysts	Peter Miedziak, Hamed Alshammari, David Knight, Jennifer Edwards, David Willock, Graham Hutchings	Cardiff University	GP2052	03-Jun-2014, 17:40-19:40	P1
Continuous Reaction Process for Producing Cyclohexene by The Selective Hydrogenation of Benzene	Hendrik Spod, Martin Lucas, Peter Claus	Technische Universität Darmstadt	GP2053	03-Jun-2014, 17:40-19:40	P1
Suzuki-Miyaura Coupling Reactions Catalyzed by PdO/USY at Room Temperature in Air	Kazu Okumura, Takumi Mushiake, Naonobu Katada	Tottori University	GP2054	03-Jun-2014, 17:40-19:40	P1
New Homogeneous and Heterogeneous Catalytic Systems Containing Metal-Tagged Ionic Liquids in The C-C Bond Forming Reactions	Zazybin Alexey, Rafikova Khadichakhan, Abilda Nurzat, Yu Valentina, Begimova Gulzeinep, Aydemir Murat, Temel Hamdi, Sasaki Takehiko	Kazakh-British Technical University, Institute of Chemical Sciences named after A.B. Bekturov, University of Dicle, University of Tokyo	GP2055	03-Jun-2014, 17:40-19:40	P1
Triphenyl Phosphine: A Highly Active and Stable Ligand in Pd(II) Catalysed Suzuki-Miyaura Reactions	Kittiya Wongkhan, Benjawan Nhokeaw, Rukkia Jitchati	Ubon Ratchathani University	GP2056	03-Jun-2014, 17:40-19:40	P1
Reusable Polystyrene-Supported Palladium Catalyst Derived from Theobromine and Its Application in Organic Synthesis	Ya-Chu Hu, Hung-Kun Lo, Fen-Tair Luo	Institute of Chemistry, Academia Sinica	GP2057	03-Jun-2014, 17:40-19:40	P1
Developing A Laboratory Equipment for The Investigation of Egg-Shell Catalyst in The Selective Hydrogenation of Acetylene at Tail-End Conditions	Martin Kuhn, Martin Lucas, Peter Claus	Technische Universität Darmstadt	GP2058	03-Jun-2014, 17:40-19:40	P1
Non-Thermal Microwave Effects on Electron Transfer Reactions from Solid Surface to Viologen Derivatives	Fuminao Kishimoto, Takashi Imai, Satoshi Fujii, Dai Mochizuki, Masato M. Maitani, Eiichi Suzuki, Yuji Wada	Tokyo Institute of Technology, Chiba University	GP2059	03-Jun-2014, 17:40-19:40	P1
Pt Nanocluster Catalyzed Regioselective One Pot C-C and C-N Coupling Reactions by Alcohols	S. M. A. Hakim Siddiki, Chandan Chaudhari, Kenichi Kon, Ken-Ichi Shimizu	Kyoto University, Hokkaido University	GP2060	03-Jun-2014, 17:40-19:40	P1
Adsorption Control During Chiral Modified Pd/C Catalysis	Haruka Sato, Makoto Nakatsuji, Takuya Mameda, Yasuaki Okamoto, Takashi Sugimura	University of Hyogo	GP2061	03-Jun-2014, 17:40-19:40	P1
Synthesis of Novel Polysubstituted N,N'-L-Phenylene-Bis(Pyrrole-3,4-Dicarboxylates) via A [3+2] Cycloaddition Reaction	Huijun Liu, Masaki Nishiuchi, Yasuhiko Kawamura	The University of Tokushima	GP2062	03-Jun-2014, 17:40-19:40	P1
DFT Calculation on Adsorption of O ₂ , CO and CH ₃ OH on CN Modified Pt(111)	Kazuaki Fujiwara, Hisayoshi Kobayashi, Renhong Li, Jie Fan, Tokio Yamabe	Kyoto Institute of Technology, Zhejiang University, Nagasaki Institute of Applied Science	GP2063	03-Jun-2014, 17:40-19:40	P1
Density Functional Theory Study on The Decomposition Mechanisms of Ethane and Propane on Ni (111) and (211) Surfaces	Shunsuke Hamada, Teppei Ogura, Hisayoshi Tukikawa, Masaki Tajima	Kyushu University	GP2064	03-Jun-2014, 17:40-19:40	P1
DFT Calculations for Aerobic Oxidation of Alcohols over Neutral Au ₆ Cluster	Mitsutaka Okumura	Osaka University, Kyoto University	GP2065	03-Jun-2014, 17:40-19:40	P1
Atomic Scale Investigation of Gold Particle Size Effect on Hydrogenation Reaction	Junya Ohyama, Akihiko Esaki, Yoshinori Hayashi, Yuta Yamamoto, Shigeo Arai, Atsushi Satsuma	Nagoya University, Kyoto University	GP2066	03-Jun-2014, 17:40-19:40	P1

Generation of Oxygen Vacancies at A Au/TiO ₂ Perimeter Interface During CO Oxidation Detected by in-situ Electrical Conductance Measurement	Yasushi Maeda, Yasuo Iizuka, Masanori Kohyama	National Institute of Advanced Industrial Science and Technology (AIST)	GP2067	03-Jun-2014, 17:40-19:40	P1
Low-Temperature Co Oxidation on Au/SnO ₂ Catalyst Prepared by Solid Grinding Method	Yasushi Maeda, Tomoki Akita, Masanori Kohyama	National Institute of Advanced Industrial Science and Technology (AIST)	GP2068	03-Jun-2014, 17:40-19:40	P2
Low Temperature CO Oxidation over Supported Silver Catalysts	Valeriy Dutov, Tamara Kharlamova, Grigoriy Mamontov, Olga Vodyankina	Tomsk State University	GP2069	03-Jun-2014, 17:40-19:40	P2
Elucidating The Fischer-Tropsch Reaction by ab-initio Microkinetic Modelling	Ivo A.W. Filot, Rutger A. Van Santen, Emiel J.M. Hensen	Eindhoven University of Technology	GP2070	03-Jun-2014, 17:40-19:40	P2
in-situ Monitoring of Transition Metal Complexes Adsorption on Oxide Surfaces During The First Stages of Supported Metal Catalysts Elaboration	Souhir Boujday, Antoine Hervier, Juliette Blanchard, Catherine Louis, J. Regalbutto	Université P. & M. Curie (UPMC), University of South Carolina	GP2071	03-Jun-2014, 17:40-19:40	P2
Aberration Corrected Tem/Stem Study of Au-Ag Bimetallic Catalysts Prepared by Solid Grinding Method	Tomoki Akita, Yasushi Maeda, Masanori Kohyama	National Institute of Advanced Industrial Science and Technology (AIST)	GP2072	03-Jun-2014, 17:40-19:40	P2
The Effect of Heat Treatment on The Performance and Structure of Carbonsupported Au-Pd Catalysts for The Direct Synthesis of H ₂ O ₂	Jennifer Edwards, Simon Freakley, James Pritchard, Peter Miedziak, Marco Piccinini, Qian He, Albert Carley, Christopher Kiely, Graham Hutchings	Cardiff University, Lehigh University	GP2073	03-Jun-2014, 17:40-19:40	P2
Morphology Effect Overtakes The Size Effect in Catalytic Activity of Quasi-Homogeneous Nanogold Toward The Aerobic Oxidation	Setsiri Haesuwannakij, Tetsunari Kimura, Yuji Furutani, Kazu Okumura, Hidehiro Sakurai	The Graduate University for Advanced Studies (SOKENDAI), Institute for Molecular Science, Tottori University, Japan Science and Technology Agency (JST)	GP2074	03-Jun-2014, 17:40-19:40	P2
Three-Component Coupling and Cycloaddition Reactions Catalyzed by Silver(I)-Oxazoline Complexes	Wei-Yin Sun, Yue Zhao	Nanjing University	GP2075	03-Jun-2014, 17:40-19:40	P2
Silver-Microporous Nanocomposite for Bioactive Activity	Duangkamon Jiraroj, Sukkaneste Tungasmita, Duangamol Tungasmita	Chulalongkorn University	GP2076	03-Jun-2014, 17:40-19:40	P2
Catalytic Activity of Palladium(II) Complexes with n-Arylalkyliminodiacetic Acids in Alkoxy carbonylation of Iodobenzene	Jasminka Popović, Željko Skoko, Igor Djerdj, Neven Smrečki, Boris-Marko Kukovec, Ye Liu, Jing Zhang, Zora Popović	Rudjer Boskovic Institute, University of Zagreb, East China Normal University	GP2077	03-Jun-2014, 17:40-19:40	P2
Immobilization of Cu and Ru Complexes on Organic Ligands in Periodic Mesoporous Organosilicas	Nobuhiro Ishito, Kenji Hara, Wang Jae Chun, Yoshifumi Maegawa, Shinji Inagaki, Atsushi Fukuokac	Hokkaido University, Toyota Central R&D Labs. Inc., Hokkaido University, International Christian University	GP2078	03-Jun-2014, 17:40-19:40	P2
Co-Formation of Ethane and Acetaldehyde from Ethanol over Reduced Vanadium and Molybdenum Oxides	Yoichi Nakamura, Toru Murayama, Wataru Ueda	Hokkaido University	GP2079	03-Jun-2014, 17:40-19:40	P2
NO _x -TPD as An Innovative Characterization Tool for Oxides: Is The W Surface Density of WO _x -ZrO ₂ Catalysts to Be Calculated with Respect to The Specific Surface Area of The Sample or That of ZrO ₂ Only?	Cyril Thomas	Université P. & M. Curie (UPMC)	GP2080	03-Jun-2014, 17:40-19:40	P2
Combined TAP and Steady-State Kinetic Approach to Investigate The Surface Properties of Aged Ngv Catalysts under Simulated Conditions	Pascal Granger, Fabien Dhainaut, Yves Schuurman, Claude Mirodatos	Université Lille1 Sciences et Technologies	GP2081	03-Jun-2014, 17:40-19:40	P2

Reactors Engineering with Using of Supercomputers	Igor Chernykh, Maria Antonova, Igor Kulikov	Institute of Computational Mathematics and Mathematical Geophysics SB RAS, Novosibirsk State University	GP2082	03-Jun-2014, 17:40-19:40	P2
Molecular Dynamics Study for Nickel Surface Diffusion with Hydrogen Coverage	Kazuhide Nakao, Takayoshi Ishimoto, Michihisa Koyama	Kyushu University, Japan Science and Technology Agency (JST)	GP2083	03-Jun-2014, 17:40-19:40	P2
DFT Studies of Dehydrogenation of Ethanol on Magnesium Oxide	Yoshinori Izumi, Hiroyuki Kamata, Hiroshi Ushiyama	IHI Corporation, The University of Tokyo	GP2084	03-Jun-2014, 17:40-19:40	P2
Using Temporal Analysis of Products and Flux Response Technology to Determine Diffusion Coefficients in Catalytic Monoliths	Noleen Maguire, Ayodeji Sasegbon, Adel Abdelkader, Alexandre Goguet, Christopher Hardacre, Klaus Hellgardt, Kevin Morgan, Sergiy O. Shekhtman	Queen's University, Imperial College of Science	GP2085	03-Jun-2014, 17:40-19:40	P2
Effects of Storage Conditions (Light, Vacuum and Container) on Catalytic Activity of Au/TiO ₂ for CO Oxidation	Kai-Hui Liang, Chien-Nan Kuo, Wen-Chao Lee, Yi-Hsiu Chen, Ben-Zu Wan	National Taiwan University	GP2086	03-Jun-2014, 17:40-19:40	P2
Conceptual Design of Ag@CeO ₂ Core-Shell Nanocomposite Catalyst for Highly Chemoselective Hydrogenations	Takato Mitsudome, Zen Maeno, Tomoo Mizugaki, Koichiro Jitsukawa, Kiyotomi Kaneda	Osaka University	GP2087	03-Jun-2014, 17:40-19:40	P2
Role of Carboxylic Ligands (Trisodium Citrate, Succinic Acid, Acetic Acid) on The Size of Gold Nanoparticles (Au-NPs)	Hind Al-Johani, Mohamad El Eter, Valerie Caps, Lyndon Emsley, Dalaver H. Anjum, Edy A. Hamad, Jean-Marie Basset	King Abdullah University of Science and Technology, Université de Lyon	GP2088	03-Jun-2014, 17:40-19:40	P3
Dual Nature of Palladium in The Presence or Absence of Gold in Catalytic Dechlorination of Aryl Chlorides	Sangita Karanjit, Atchaleeya Jinasan, Ekasith Somsook, Raghu Nath Dhital, Hidehiro Sakurai	The Graduate University for Advanced Studies, Mahidol University, Institute for Molecular Science	GP2089	03-Jun-2014, 17:40-19:40	P3
Prospect of The Pt/C Catalyst for Fuel Cells Prepared by A Nano Particles Formation Pulse Arc Plasma Source	Yoshiaki Agawa, Hiroyuki Tanaka, Shigemitsu Torisu, Satoshi Endo, Akihiro Tsujimoto, Narishi Gonohe	Ulvac-Riko, Inc.	GP2090	03-Jun-2014, 17:40-19:40	P3
Screening of Al ₂ O ₃ Supported Metal Oxides for Oxidative Dehydrogenation of 1-Butene to 1,3-Butadiene by Empirical Models	Wenjin Yan, Kelvin Tan Yong Chuan, Yan Liu	Institute of Chemical & Engineering Sciences	GP2091	03-Jun-2014, 17:40-19:40	P3
Application of An Amino-Functionalized Zr-Based Metal-Organic Framework Photocatalyst: A Novel One-Pot Reaction System	Takashi Toyao, Masakazu Saito, Yu Horiuchi, Masaya Matsuoka	Osaka Prefecture University	GP2092	03-Jun-2014, 17:40-19:40	P3
Strong-Metal Support Interaction for Promoting The Growth of Multi-Walled Carbon Nanotubes over Copper Catalysts	Yung-Chih Lin, Jin-Wei Li, Jarrn-Horng Lin	National University of Tainan	GP2093	03-Jun-2014, 17:40-19:40	P3
Enhancement of Activity and Selectivity in Acid-Catalyzed Reactions by Dealuminated Hierarchical Zeolites	Petr Sazama, Zdenek Sobalik, Jiri Dedecek, Dalibor Kaucký, Ivo Jakubec, Vasile Parvulescu, Jiri Rathousky, Hana Jirglova	J. Heyrovský Institute of Physical Chemistry, Institute of Inorganic Chemistry, University of Bucharest	GP2094	03-Jun-2014, 17:40-19:40	P3
Visible Light-Enhanced Dehydrogenation of Ammonia Borane on Molybdenum Oxide Nanostructure	Hefeng Cheng, Takashi Kamegawa, Kohsuke Mori, Hiromi Yamashita	Osaka University, Kyoto University	GP2095	03-Jun-2014, 17:40-19:40	P3
Functionalized Ionic Liquids for Peptide Synthesis	Tanmoy Patra, Subhasis Paul, Sreedevi Upadhyayula	Indian Institute of Technology Delhi	GP2096	03-Jun-2014, 17:40-19:40	P3
Expansion of TAP Pulse Responses for More Accurate Data Analysis	Kevin Morgan, Alexandre Goguet, Christopher Hardacre, Evgeny V. Kondratenko, Colin Mcmanus, Sergiy O. Shekhtmana	Queen's University, Leibniz Institute for Catalysis	GP2097	03-Jun-2014, 17:40-19:40	P3

Advances in Short Time on Stream ATR-IR Spectroscopy: Distinguishing Adsorption on The Support vs. Metal in Pt/SiO ₂ Catalysed Hydrogenations	Helen Daly, Haresh G. Manyar, Richard Morgan, Juan Jose Delgado, Jillian M. Thompson, Robbie Burch, Christopher Hardacre	Queen's University Belfast, Departamento de Ciencia de los Materiales e Ingeniería Metalúrgica y Química Inorgánica, Universidad de Cádiz	GP2098	03-Jun-2014, 17:40-19:40	P3
Probing Chemistry and Kinetics of Reactions in Heterogeneous Catalysts	Tristan G. A. Youngs, Haresh G. Manyar, Daniel T. Bowron, Lynn F. Gladden, Christopher Hardacre	STFC Rutherford Appleton Laboratory, Queen's University Belfast	GP2099	03-Jun-2014, 17:40-19:40	P3
Evidence to Challenge The Universality of The Horiuti-Polanyi Mechanism for Hydrogenation in Heterogeneous Catalysis	Xiaoming Cao, Yang Bo, P. Hu	East China University of Science & Technology, The Queen's University of Belfast	GP2100	03-Jun-2014, 17:40-19:40	P3
A Study of Bifunctional Molybdenum Catalysts for Partial Oxidation and Oxidative Condensation of Methane	Svetlana Alexandrovna Tungatarova, Damir Bakytovich Abdukhalykov, Tolkyin Saparbekovna Baizhumanova, Zauresh Tapaevna Zheksenbaeva, Manap Khan Zhumabek, Kaisar Kassymkan, Erdaulet Shaizadauly	D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry	GP2101	03-Jun-2014, 17:40-19:40	P3
Preparation of Supported La ₂ O ₃ Catalysts by A Modified Impregnation Method for The Oxidative Coupling of Methane into C ₂ +: Roles of Polyvinylpyrrolidone	Yuhui Hou, Wensheng Xia, Weizheng Weng, Huilin Wan	Xiamen University	GP2102	03-Jun-2014, 17:40-19:40	P3
The Reaction Mechanism for The Selective Oxidation of Ethane over K/SBA-15 Catalysts: A Combined Density Functional Theory and in situ IR Study	Bing Liu, Daxi Wang, Zhen Zhao, Zhongxue Wang, Teng Li, Jian Liu, Yuechang Wei	China University of Petroleum	GP2103	03-Jun-2014, 17:40-19:40	P3
Mononuclear Pseudo-Tetrahedral V Species as The Active Sites of The Selective Oxidative Dehydrogenation of Propane	Stanislaw Dzwigaj, Karolina Chalupka, Cyril Thomas, Yannick Millot, Frédéric Averseng	Université P. & M. Curie (UPMC), Université Paris 06, CNRS-UMR, Institute of General and Ecological Chemistry, Lodz University of Technology	GP2104	03-Jun-2014, 17:40-19:40	P3
Synergetic Effect of Vanadium and Tellurium Species in Selective Oxidation of Propane to Acrolein	Weizheng Weng, Lei Shi, Huan Feng, Xiaodong Yi, Gang Fu, Huilin Wan	Xiamen University, Montclair State University	GP2105	03-Jun-2014, 17:40-19:40	P3
One-Pot Synthesis of Copper-Containing Mesoporous Silica Nanoparticles for Selective Propene Oxidation to Acrolein	Nien-Chu Lai, Chun-Hsia Liu, Chia-Min Yang	National Tsing Hua University	GP2106	03-Jun-2014, 17:40-19:40	P3
Insights in The Methanol Acetalization to Dimethoxymethane Mechanism over A Fe Mo Based Catalyst	Kaew-Arpha Thavornprasert, Louise Duhamel-Jalowiecki, Olivier Gardoll, Martine Trentesaux, Anne Sophie Mamede, Jean Luc Dubois, Mickael Capron, Franck Dumeignil	Université Lille Nord de France, Unité de Catalyse et Chimie du Solide, CNRS, Arkema, Institut Universitaire de France	GP2107	03-Jun-2014, 17:40-19:40	P3
Catalytic Requirements for Intra- and Inter-Molecular C=C Bond Formation in Alkanals on Solid Brønsted Acid Catalysts	Ya-Huei (Cathy) Chin, Fan Lin	University of Toronto	GP2108	03-Jun-2014, 17:40-19:40	P3
Intercalated VPO as A High Performance Catalyst for The Selective Oxidation of 5-HMF to 2,3-Diformylfuran	Fabien Grasset, Benjamin Katryniok, Sebastien Paul, Marc Pera-Titus, Jean-Marc Clacens, Floryan Decampo, Franck Dumeignil	Unité de Catalyse et chimie du solide, Université Lille1, Ecole Centrale de Lille, Eco-Efficient Products and Processes Laboratory, Institut Universitaire de France	GP2109	03-Jun-2014, 17:40-19:40	P3

Nb-Ni Catalysts for The Oxidative Dehydrogenation of Lactic Acid to Pyruvic Acid	Thomas Bonnotte, Samadhan Lomate, Franck Dumeignil, Sébastien Paul, Benjamin Katryniok	Université Lille Nord de France, Unité de Catalyse et de Chimie du Solide, Ecole Centrale de Lille, Institut Universitaire de France	GP2110	03-Jun-2014, 17:40-19:40	P3
Increasing The Yield for Cyclohexene Epoxidation Using Mg _x Al Solid Base Catalysts	Octavian D. Pavel, Rodica Zăvoianu, Gheorghita Mitran, Ruxandra Bîrjega, Florentina Neatu, Emilian Angelescu	University of Bucharest, INFLPR	GP2111	03-Jun-2014, 17:40-19:40	P3
The Direct Oxidation of Benzene to Phenol with Molecular Oxygen Using Vanadium Complexes Encapsulated in Y-Zeolite Catalysts	Atsushi Okemoto, Yoshiki Inoue, Keita Taniya, Yuichi Ichihashi, Satoru Nishiyama	Kobe University	GP2112	03-Jun-2014, 17:40-19:40	P3
One-Step Oxidation of Benzene to Phenol over Cu/Zr/H ZSM-5 Catalysts	Shun Watanabe, Atsushi Okemoto, Keita Taniya, Yuichi Ichihashi, Satoru Nishiyama	Kobe University	GP2113	03-Jun-2014, 17:40-19:40	P3
Direct Phenol Synthesis from Benzene with O ₂ Regulated by NH ₃ on Zeolite B-Supported Ir and Ni Catalysts: Performances and Characterization	Linsheng Wang, Sadaaki Yamamoto, Shin-Ichi Nagamatsu, Kenichiro Hayashizaki, Takehiko Sasaki, Yasuhiro Iwasawa	The University of Electro-Communications, The University of Tokyo	GP2114	03-Jun-2014, 17:40-19:40	P3
Pd-Au Bimetal Catalyst Supported on Rutile-TiO ₂ for H ₂ O ₂ Synthesis by Direct Oxidation of H ₂	Tatsumi Ishihara, Yuuki Ooishi, Kohei Shigeta, Shintaro Ida	Kyushu University	GP2115	03-Jun-2014, 17:40-19:40	P3
Product Formation in Ammonia Oxidation over Supported Tailored Pt and Rh Nanoparticles	Vita A. Kondratenko, Johannes Schäffer, Evgenii V. Kondratenko	Leibniz-Institute for Catalysis at the University of Rostock	GP2116	03-Jun-2014, 17:40-19:40	P3
Influence of the Catalyst Composition in the Oxidative Dehydrogenation of 1-Butene over BiV _x Mo _{1-x} Oxide Catalysts	Jung-Hyun Park, Chae-Ho Shin	Chungbuk National University	GP2117	03-Jun-2014, 17:40-19:40	P3
Deactivation Study on Ru/Al ₂ O ₃ Catalysts for The Diastereoselective Hydrogenation of (S)-N-(t-Butyl)-1,2,3,4-Tetrahydro-3-Isoquinolinecarboxamide	Doyoung Choi, Changq Lee, Tae Jin Kima	Catalyst-Process R&D Center, SK Innovation	IP2118	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Production of Cyclic Carbonates from CO ₂ and Epoxides with Polymer Supported Quaternized Ammonium Salt Catalysts	Sun-Do Lee, Bo-Mi Kim, Dong-Woo Kim, Dae-Won Park	Zeus Oil and Chemicals Co, Pusan National University	IP2119	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40(Poster)	P3
Synthesis of LPG from Synthesis Gas	Congming Li, Kaoru Fujimoto	Japan Gas Synthesis Corporation	IP2120	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Kinetic Studies of The Autothermal Reforming (ATR) of Ammonia to Produce Hydrogen over Nonprecious Metal Oxide Catalysts	Toshitaka Horiuchi, Masatoshi Ikeda, Junji Okamura, Hisakazu Shindo, Hideaki Tsuneki	Nippon Shokubai Corporation	IP2121	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Catalytic Performance of Silica/Nickel Core-Shell Catalysts for Selective CO Methanation	Katsuhiko Hayashi, Kazutoshi Higashiyama, Toshihiro Miyao, Shigehito Deki, Masahiro Watanabe, Yasuhide Yamaguchi	University of Yamanashi, Mitsui Mining & Smelting Co.,Ltd.	IP2123	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3

Analysis of Reactor and Mixing Equipment for Benzene Alkylation with Ethylene Using Mathematical Model	Elena Khlebnikova, Irena Dolganova, Natalia Belinskaya, Elena Ivashkina, Alexander Bekker	National Research Tomsk Polytechnic University	IP2124	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Effects of Thermal Treatment on The Phase Composition and Performance of VMO _n Te(Sb) _x O _x Catalysts for The Selective Oxidation of Propane to Acrylic Acid	Kun Wang, J. Dakka, R. Nielsen, A-J. Bons, A. Winesett, W. Mortier, J. Vartuli	Exxon Mobil Research and Engineering Company, Exxon Mobil Chemical Company	IP2125	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
The Dehydration of Different Ketose and Aldose Feeds to Hydroxymethylfurfural	Jan C. Van Der Waal, Robert-Jan Van Putten, Ed De Jong, Yanal Shekem	Avantium	IP2126	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
The Oxidative Coupling of Methane to Ethane and Ethylene in Parallel Fixed Bed Reactors	Jan C. Van Der Waal, E.-J. Ras, S. Gomez-Quero, Yanal Shekem	Avantium Catalysis	IP2127	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Direct Synthesis of Dibutyl Carbonate from Carbon Dioxide and Butanol: The Study of Reactivity and Recyclability of Ti- and Sn-Catalysts	Dong Baek Kim, Chang Hoon Lee, Yeonju Lee, O-Sung Kwon	Samsung Cheil Industries Inc.	IP2128	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P3
Investigation on Exothermic Effects and Surface Properties of The ex-situ Presulfurized Hydrotreating Catalysts	Yulan Gao, Xiangchen Fang, Liming Xu	Fushun Research Institute of Petroleum and Petrochemicals, SINOPEC	IP2129	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P4
Oligomerization of Dicyclopentadiene on Some Zeolites and Mesoporous Catalysts	Albert B. Kulikov, Asya A. Pugacheva, Anton L. Maximov	A.V.Topchiev Institute of Petrochemical Synthesis, RAS	IP2130	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P4
Improving Resource Efficiency of The Dehydrogenation Catalyst under Industrial Conditions by Mathematical Modeling Method	Galina Silko, Emiliya Ivanchina, Elena Ivashkina, Svetlana Kiseleva, Evgeniya Frantsina	National Research Tomsk Polytechnic University	IP2131	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P4
Role of Takreer Research Centre for Development of Abu Dhabi Refining Industry	Mikael Berthod	Abu Dhabi Oil Refining Company	IP2132	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P4
Intelligent Systems to Improve Energy and Resource Efficiency of Catalytic Oil-Refining Industrial Processes	Maria Kirgina, Emilia Ivanchina, Nikita Chekantsev, Ekaterina Sharova	National Research Tomsk Polytechnic University	IP2133	03-Jun-2014, 16:20-17:40 (Preview in Room A); 17:40-19:40 (Poster)	P4
Effect of W Doping into Moxn-Based Oxides for Oxidative Dehydrogenation of Ethane	Mohammed H. Al-Hazmi, Yong Man Choi	SABIC Technology Center	GP2134	03-Jun-2014, 17:40-19:40	P4
Effects of Ionic and Non-ionic Surfactants on Vapor Phase Polymerization of PEDOT Films Using FTS as Catalyst	Roshan Khadka, Hyun-Su Lee, Jin-Heong Yima	Kongju National University	GP2135	03-Jun-2014, 17:40-19:40	P4

Effect of Metal Content on The Strong Ebullated Bed Catalyst	Suhua Sun, Huihong Zhu, Jie Liu, Guang Yang, Shaozhong Peng, Lijing Jiang	SINOPEC	GP2136	03-Jun-2014, 17:40-19:40	P4/P5
Atmospheric Hydrodeoxygenation of Guaiacol over Nickel Phosphide Catalysts with Varying Phosphorous Content	Yu-Chuan Lin, Shin-Kuan Wu, Po-Chen Lai	Yuan Ze University	GP2137	03-Jun-2014, 17:40-19:40	P4/P5
Valeric Acid Decarboxylative Coupling/Hydrodeoxygenation over Pd/ZrO ₂ and Pd/CeO ₂ -ZrO ₂ for Saturated Hydrocarbons Synthesis	Irina Simakova, Yulia Zaytseva, Valentina Panchenko, Mikhail Simonov, Andrey Simakov	Borekov Institute of Catalysis, Centro de Nanociencias y Nanotecnología, UNAM	GP2138	03-Jun-2014, 17:40-19:40	P4/P5
Crude Glycerol Oxidation over Commercial Supported Au, Pt and Pd Catalysts ? Effect of The Impurities	Elżbieta Skrzyńska, Mickael Capron, Franck Dumeignil	Cracow University of Technology, CNRS, Université Lille Nord de France, Institut Universitaire de France	GP2139	03-Jun-2014, 17:40-19:40	P4/P5
Syngas Production from Glycerol over La-Promoted Ni/Al ₂ O ₃ Catalyst in The Presence of CO ₂ Reactant	Chin Kui Cheng, Kah Weng Siew, Jolius Gim bun	Universiti Malaysia Pahang	GP2140	03-Jun-2014, 17:40-19:40	P4/P5
Synthesis of Glycerol Carbonate from Glycerol and Carbon Dioxide over Cu-Based Catalysts	Juan Zhang, Dehua He	Tsinghua University	GP2141	03-Jun-2014, 17:40-19:40	P4/P5
Bioconversion of Aromatic Aldehyde to Its Primary Alcohol Using Indonesian Daucus Carota	Bayu Ardiansah, Lina Mardiana, Antonius Herry Cahyana	Natural Sciences Universitas Indonesia	GP2142	03-Jun-2014, 17:40-19:40	P4/P5
Properties of Pd-Re Catalysts and Their Catalytic Performance in Glycerol Hydrogenolysis	Yuming Li, Huimin Liu, Lan Ma, Dehua He	Tsinghua University	GP2143	03-Jun-2014, 17:40-19:40	P4/P5
Modeling of The Enantioselective Hydrogenation of Ethyl Benzoylformate over Pt/Al ₂ O ₃	Gerson Martin, Päivi Mäki-Arvela, Johan Wärnå, Dmitry Yu. Murzin, Tapio Salmia	Åbo Akademi	GP2144	03-Jun-2014, 17:40-19:40	P4/P5
Dehydration of Glycerol over Ordered Mesoporous Silica Supported Heteropoly Acids	Parasuraman Selvam, Sekar Mahendran	Indian Institute of Technology-Madras, Tohoku University	GP2145	03-Jun-2014, 17:40-19:40	P4/P5
High-Throughput Study of Glycerol Catalytic Dehydration to Acrolein over ZrO ₂ -SiO ₂ -Supported Phosphotungstic Acid	Benjamin Katryniok, Cristina García-Sancho, Pedro Maireles-Torres, Franck Dumeignil, Sébastien Paul	Unité de Catalyse et Chimie du Solide, Université Lille Nord de France, Institut Universitaire de France, Ecole Centrale de Lille, ECLille	GP2146	03-Jun-2014, 17:40-19:40	P4/P5
Catalytic Copyrolysis of Biomass and Polymer over Zeolitic Materials	Young-Kwon Park, Hyung Won Lee, Sung Ho Jin, Sung Hoon Park, Jong-Ki Jeon, Sang-Chul Jung, Sang Chai Kim	University of Seoul, Sunchon National University, Kongju National University, Mokpo National University	GP2147	03-Jun-2014, 17:40-19:40	P4/P5
Lactic Acid and Ethyl Lactate Dehydration over Alkaline Earth Phosphates: Origin of The Catalytic Efficiency	Elodie Blanco, Pierre Delichere, Chantal Lorentz, Laurence Burel, Jean-Marc M. Millet, Stephane Loridant	Institut de Recherches sur la Catalyse et l'Environnement de Lyon	GP2148	03-Jun-2014, 17:40-19:40	P4/P5
Solvent-Free Synthesis of Glycerol Carbonate and Glycidol from Glycerol and Urea	Chandrashekhar V. Rode, Sharada E. Kondawar, Rasika B. Mane	CSIR-National Chemical Laboratory	GP2149	03-Jun-2014, 17:40-19:40	P4/P5
Kraft Lignin Conversion in Aqueous Phase with Pt/Al ₂ O ₃ Catalyst in A Continuous Fixed Bed Reactor	Denis Mérut, Wolfemichael Sebhat, Alain Perrard, Laurent Djakovitch, Pascal Fongarland	Université Lyon 1	GP2150	03-Jun-2014, 17:40-19:40	P4/P5
Direct Synthesis of Dimethyl Carbonate from Methanol and CO ₂ Using Solid Zr-Based Catalyst	Darbha Srinivas, Pulikkeel Unnikrishnan	CSIR-National Chemical Laboratory	GP2151	03-Jun-2014, 17:40-19:40	P4/P5
Structural and Catalytic Properties of Cu-Zn-Zr Catalysts for Methanol Production by CO ₂ Hydrogenation	Giuseppe Bonura, Francesco Frusteri, Manuela Cordaro, Catia Cannilla, Francesco Arena	CNR-ITAE "Nicola Giordano", University of Messina	GP2152	03-Jun-2014, 17:40-19:40	P4/P5

Chemical Fixation of CO ₂ and Epoxide to Cyclic Carbonate: An Effective Heterogeneous Catalyst on Fixed Bed Reactor	Zhizhi Zhang, Zhangjian, Xiwen Zhang, Wanfu Sun, Xiangchen Fang	East China University of Science and Technology, Fushun Research Institute of Petroleum and Petrochemicals, SINOPEC, Liaoning Shihua University	GP2153	03-Jun-2014, 17:40-19:40	P4/P5
CO ₂ Hydrogenation to Methanol over CuO-ZnO-ZrO ₂ Catalysts Prepared via A CTAB-Assisted Co-Precipitation Method: Effect of Catalyst Compositions	Thongthai Witoon, Nantana Kachaban	Kasetsart University	GP2154	03-Jun-2014, 17:40-19:40	P4/P5
Mn(III) Based Binaphthyl Schiff Base Complex Heterogenized over Organomodified SBA-15	Anand Pal Singh, Priti Sharma	CSIR-National Chemical Laboratory	GP2155	03-Jun-2014, 17:40-19:40	P4/P5
Preparation and Characterization of Zirconia-Pillared Montmorillonite (Zr/MMT) and Sulfated Zirconia-Pillared Montmorillonite (S-Zr/MMT) as Catalyst in Citronellal Conversion	Is Fatimah, Septian Perwira Yudha, Dwiarsio Rubiyanto, Thorikul Huda	Islamic University of Indonesia	GP2156	03-Jun-2014, 17:40-19:40	P4/P5
Effective Heteropolyacid-Loaded Ionic Liquid Catalysts for The Synthesis of Benzaldehyde Glycol Acetal	Xiaoxiang Han, Wei Yan, Keke Chen, Li-Li Liu, Chin-Te Hung, Pei-Hao Wu, Shing-Jong Huang, Shang-Bin Liu	Zhejiang Gongshang University, Institute of Atomic and Molecular Sciences, National Taiwan Normal University	GP2157	03-Jun-2014, 17:40-19:40	P4/P5
Highly Active and Durable Ordered Mesoporous Magnetic Organometal Catalyst Promoted Organic Reactions in Water	Xiaotao Wu, Fang Zhang, Hexing Li	Shanghai Normal University	GP2158	03-Jun-2014, 17:40-19:40	P4/P5
Chemoselective Hydrogenation of Nitrostyrene Using Au/CoO _x -TiO ₂	Yu-Wen Chen, Natarajan Sasirekha	National Central University, Anna University	GP2159	03-Jun-2014, 17:40-19:40	P4/P5
Syngas Production from CO ₂ via Reverse Water Gas Shift Reaction	Azhar Hashmi, Flaiyh Al-Anazi	SABIC Technology & Innovation	GP2160	03-Jun-2014, 17:40-19:40	P4/P5
Investigation on Reaction Mechanism and Kinetics of CuO on Chemical Looping with Oxygen Uncoupling	Yi-Syuan Huang, Young Ku, Ping-Chin Chiu, Shr-Han Shiu, Chia-Wei Chang	National Taiwan University of Science and Technology	GP2161	03-Jun-2014, 17:40-19:40	P4/P5
High Surface Area and Strong Hydration Resistance MgAl ₂ O ₄ Support for Co-Mo-Based Catalyst in The Water-Gas Shift Reaction	Lilong Jiang, Yanning Cao, Kemei Wei	Fuzhou University	GP2162	03-Jun-2014, 17:40-19:40	P4/P5
Enhanced Regenerability of Hydrotalcite-Derived Ni-Fe Alloy Nanoparticles for Steam Reforming of Biomass Tar	Dalin Li, Yoshinao Nakagawa, Keiichi Tomishige	Fuzhou University, Tohoku University	GP2163	03-Jun-2014, 17:40-19:40	P4/P5
The Investigation of Gallium-Modified Supported on Sibunit Palladium Catalysts for Liquid-Phase Hydrogenation of Acetylene	Nadezda S. Smirnova, Dmitry A. Shlyapin, Elena A. Anoshkina, Nina B. Shitova, Dmitry I. Kochubey, Pavel G. Tsyrlunikov	IHP SB RAS, BIC SB RAS	GP2164	03-Jun-2014, 17:40-19:40	P4/P5
Preparation and Characterization of Aluminum Hydroxide with Containing Silicon	Huihong Zhu, Jie Liu, Suhua Sun, Hao Jin, Shaozhong Peng, Lijing Jiang	Fushun Research Institute of Petroleum and Petrochemicals, SINOPEC	GP2165	03-Jun-2014, 17:40-19:40	P4/P5
FTIR Spectroscopy for Surface Basicity Characterization	Alexey A.Tsyganenko	V.A.Fock Institute of Physics of St.Petersburg State University	GP2166	03-Jun-2014, 17:40-19:40	P4/P5
Pt _n /FeO _x : A Highly Active and Chemoselective Catalyst for Hydrogenation of Functionalized Nitroarenes	Haisheng Wei, Aiqin Wang, Botao Qiao, Wentao Wang, Xiaoyan Liu, Yanqiang Huang, Xiaofeng Yang, Jingyue Liu, Tao Zhang	Dalian Institute of Chemical Physics, Arizona State University	GP2167	03-Jun-2014, 17:40-19:40	P4/P5
On The Preparation of Ru/Al ₂ O ₃ Catalysts via Ru(OH) ₃ /Al ₂ O ₃	Nuerrmamaiti Abudukelimu, Wumanjiang Eli, Zhixian Gao	Xinjiang Technical Institute of Physics and Chemistry, Institute of Coal Chemistry	GP2168	03-Jun-2014, 17:40-19:40	P4/P5

High Effective Dehydration of Bio-Ethanol to Ethylene over Ce-Containing Catalysts	Kusman Dossumov, Gaukhar Y.Yergazyeva, Moldir M.Telbayeva	Al-Farabi Kazakh National University	GP2169	03-Jun-2014, 17:40-19:40	P4/P5
Hybrid Materials Combining Host-Guest Chemistry and Eco-Compatible Catalysis for The Cycloaddition of Epoxide with CO ₂	Anaïs Mirabaud, Véronique Dufaud, Jean-Pierre Dutasta	Université Lyon 1, Ecole Normale Supérieure de Lyon	GP2170	03-Jun-2014, 17:40-19:40	P4/P5
Diffusion Control of The Catalytic Reactions Using Nanostructured Mesoporous Catalysts	Weiguo Song, Zhe Chen, Ping Li	Institute of Chemistry, Chinese Academy of Sciences	GP2171	03-Jun-2014, 17:40-19:40	P4/P5
Accelerating and Standardizing Catalysis R+D for Chemicals and Energy	Michael Schneider	Chemspeed Technologies	GP2172	03-Jun-2014, 17:40-19:40	P4/P5
The Partial Oxidation of Methane to Synthesis Gas on Oxide Catalysts	Kusman Dossumov, Laura.K.Myltykbaeva, Gaukhar Y. Yergazyeva	Al-Farabi Kazakh National University	GP2173	03-Jun-2014, 17:40-19:40	P4/P5
Partial Oxidation of n-Butane over Vanadium Phosphate Catalysts Supported on Coconut Shell Activated Carbon	Loong Kong Leong, Prakas Palanychamy, Gulnaziya Issabayeva	Universiti Tunku Abdul Rahman	GP2174	03-Jun-2014, 17:40-19:40	P4/P5
MCM-41 Based Materials with Potential as Superclausr Alternative Catalyst	Roberto García De León, Brent Handy, María Guadalupe Cárdenas Galindoc Irán Gonzalez Falcónd	Instituto Mexicano del Petroleo, Universidad Autonoma de San Luis Potosi	GP2175	03-Jun-2014, 17:40-19:40	P4/P5
Niobium(V)-Silica Catalysts for The Sustainable Selective Epoxidation of Alkenes, Unsaturated Terpenes and Fatty Acid Methyl Esters	C.Tiozzo, R.Psaro, C.Bisio, F.Carniato, Matteo Guidotti	CNR-Istituto di Scienze e Tecnologie Molecolari, Università del Piemonte Orientale "A. Avogadro"	GP2176	03-Jun-2014, 17:40-19:40	P4/P5
Aerosol-Assisted Synthesis of Hierarchical Porous Titanium Silicon Molecular Sieve as Catalysts for Cyclohexene Epoxidation	Zhendong Guo, Guang Xiong	Dalian University of Technology	GP2177	03-Jun-2014, 17:40-19:40	P4/P5
Selective Oxydation of Some Cycloheptatriene Derivatives and Synthesis of Tropolone Derivatives: An unusual non-Benzenoid Singlet Oxygen Source	Arif Daştan, Metin Balcı	Atatürk University, Middle East Technical University	GP2178	03-Jun-2014, 17:40-19:40	P4/P5
Interaction of Water with Titania Particles Created by Grinding of Rutile Crystal under Ambient Air	Valery Zakharenko, Elena Daibova	Boreskov Institute of Catalysis	GP2179	03-Jun-2014, 17:40-19:40	P4/P5
Photocatalytic Application of SiO ₂ /TiO ₂ Thin Film on Glass	Benjawan Moongraksathum , Uyu-Wen Chen	National Central University	GP2180	03-Jun-2014, 17:40-19:40	P4/P5
Titanium Dioxide-graphene Nanocomposites with Enhanced Photocatalytic Activity under Artificial Solar Light	Antoni W. Morawski, Agnieszka Wanag, Ewelina Kusiak-Nejman, Joanna Kapica, Łukasz Kowalczyk, Magdalena Aksienionek, Michał Woluntarski, Ludwika Lipińsk	West Pomeranian University of Technology, Institute of Electronic Materials Technology	GP2181	03-Jun-2014, 17:40-19:40	P4/P5
Solid Acid Catalyzed Tandem Synthesis of Levulinic Acid from Furfuryl	Chandrashekar V. Rode, Amol M. Hengne, Narayan S. Biradar, Uday D. Joshi	CSIR-National Chemical Laboratory, Netaji Subhashchandra College	GP2182	03-Jun-2014, 17:40-19:40	P4/P5
Solid Acid Catalysts for The Use of Acidic Oils as Oleochemical Feedstock	Federica Zaccheria, Matteo Mariani, Rinaldo Psaro, Nicoletta Ravasio	ISTM CNR	GP2183	03-Jun-2014, 17:40-19:40	P4/P5
Esterification of Carboxylic Acids with Hydroxyacetone over Solid Acid Catalysts	Vladyslav Sontsev, Volodymyr Trachevsky	Institute for Sorption and Problems of Endoecology of National Academy of Science	GP2184	03-Jun-2014, 17:40-19:40	P4/P5
H ₄ SiW ₁₂ O ₄₀ /Al ₂ O ₃ Solid Acid Catalysts for Dehydration of Glycerol to Acrolein: Evolution of Catalyst Structure and Performance with Calcination Temperature	Bo Wang, Licheng Liu, Yonghua Du, Armando Borgna	Institute of Chemical and Engineering Sciences	GP2185	03-Jun-2014, 17:40-19:40	P4/P5

Characterization of Hyperbranched BiVO ₄ Microstructure Synthesized by A Hydrothermal Method and Its Applications	Nuengruethai Ekthammathat, Titipun Thongtem, Somchai Thongtem, Anukorn Phuruangrat	Chiang Mai University, Chiang Mai University, Prince of Songkla University	GP2186	03-Jun-2014, 17:40-19:40	P4/P5
Quantum Dots Self-Decorated TiO ₂ Nanosheets: Application in Photocatalysis	Guo-Qiang Shen, Lun Pan, Songbo Wang, Jing-Wen Zhang, Li Wang, Xiangwen Zhang, Ji-Jun Zou	Tianjin University	GP2187	03-Jun-2014, 17:40-19:40	P4/P5
Facile Synthesis of Manganese Dioxide in Alcohol-water Solvent	Youngho Lee, Jung-Hyun Park, Jun Hee Cho, Chae-Ho Shin	Chungbuk National University	GP2188	03-Jun-2014, 17:40-19:40	P4/P5
Structural Analysis of Iron Oxide Supported On -alumina by Means of X-ray Absorption Spectroscopy	Atsuko Tomita, Tetsuo Honma, Kazuo Kato, Shunsuke Muto, Yuta Yamamoto, Shigeo Arai, Yutaka Tai	National Institute of Advanced Industrial Science and Technology, Japan Synchrotron Radiation Research Institute, Nagoya University	GP2189	03-Jun-2014, 17:40-19:40	P4/P5
Atomic Scale Interface Structure of RuO ₂ (110)/Water Under Given pH and Electrode Potential	Eriko Watanabe, Hiroshi Ushiyama, Koichi Yamashita, Mårten Björketun, Jan Rossmeisl	The University of Tokyo, Technical University of Denmark, Kyoto University	GP2190	03-Jun-2014, 17:40-19:40	P4/P5
Effects of Calcination and Reduction Temperatures on Catalytic Activity of Pt/SiO ₂ and Pd/SiO ₂ Catalysts for Hydrogenation of Polystyrene	Chung-Chou Lee, Jenn-Yeu Hwang, Ren-Jye Wu, Meng-Tzu Lai, Man-Yin Lo, Yin-Chieh Chen	Industrial Technology Research Institute, Material and Chemical Research Laboratories	GP2191	03-Jun-2014, 17:40-19:40	P4/P5
Dealumination with Ammonium Hexafluorosilicate of Zeolite X Large Crystal	Hidekazu Goto, Koji Nishi, Natsumi Kamiya, Yoshinobu Yokomori	National Defense Academy	GP2192	03-Jun-2014, 17:40-19:40	P4/P5
Reductive Amination of Ethanol over Ni Catalyst Supported on Al ₂ O ₃	Sang Hee An, Jung-Hyun Park, Chae-Ho Shin	Chungbuk National University	GP2193	03-Jun-2014, 17:40-19:40	P4/P5
Glycerol Dehydration over B _x P _{1-x} O _y /SiO ₂ Catalysts	Ji Hyun Kim, Eun Duck Park	Ajou University	GP2194	03-Jun-2014, 17:40-19:40	P4/P5
Copper Nanoparticle Catalyzed Oxidative Homocoupling of Terminal Alkynes	Toshiyuki Matsushita, Avelino Corma	UBE Industires, Ltd. Instituto de Tecnología Química	GP2195	03-Jun-2014, 17:40-19:40	P4/P5
Non-thermal Plasma Driven Catalytic Oxidation of Methane in Dielectric Barrier Discharge (DBD) Reactor	Hee Soo Lee, Do Heui Kim	Seoul National University	GP2196	03-Jun-2014, 17:40-19:40	P4/P5
Activity Comparison among Cu Catalysts Supported on Different Commercial Gamma-alumina for Steam Reforming of Methanol	Dong Ha Kim, Eun Duck Park	Ajou University	GP2197	03-Jun-2014, 17:40-19:40	P4/P5
Hydroxyapatite-supported Gold Nanoparticle Catalyst for Dehydrogenative Coupling of Hydrosilanes with Amines	Teppei Urayama, Zen Maeno, Takato Mitsudome, Tomoo Mizugaki, Koichiro Jitsukawa, Kiyotomi Kaneda	Osaka University	GP2198	03-Jun-2014, 17:40-19:40	P4/P5
Assembly of CNT Tip Array by Dielectrophoresis	Myung Soo Choi, Woo-Jae Kim	Gachon University	GP2199	03-Jun-2014, 17:40-19:40	P4/P5
Effect of Capping Agent on Catalysis of Hydrotalcite-Supported Pt and PtAu Nanoparticles toward Selective Oxidation of Polyols in Aqueous Solution	Shun Nishimura, Duangta Tongsakul, Kohki Ebitani	Japan Advanced Institute of Science and Technology	GP2200	03-Jun-2014, 17:40-19:40	P4/P5
Selective Transfer Hydrogenations of HMF and Nitroarenes using Formic Acid as Reducing Agent over Heterogeneous Pd/ZrP Catalyst	Jaya Tuteja, Shun Nishimura, Kohki Ebitani	Japan Advanced Institute of Science and Technology	GP2201	03-Jun-2014, 17:40-19:40	P4/P5
Reaction Pathways of Ethanol to Propene on Sc-loaded In ₂ O ₃ Catalyst	Masashi Tanaka, Shota Hirakawa, Shota Mizuno, Masakazu Iwamoto	Chuo University, Tokyo Institute of Technology	GP2202	03-Jun-2014, 17:40-19:40	P4/P5
Carbon Nanotube Solar Cell utilizing Semiconducting as an Exciton Generator	Jae-Sun Park, Woo-Jae Kim	Gachon University	GP2203	03-Jun-2014, 17:40-19:40	P4/P5
Sodium as a Negative Catalyst for Selective Conversion of Cellulose to Levoglucosan with Superheated Steam Treatment	Masayoshi Honda, Asami Shimatai, Yukihiko Tamaki, Masakazu Iwamoto	Chuo University, Tokyo Institute of Technology	GP2204	03-Jun-2014, 17:40-19:40	P4/P5

Ammonia Synthesis over $12\text{CaO}7\text{Al}_2\text{O}_3$ Electride Supported Cobalt Catalyst	Yasunori Inoue, Mai Tokunari, Masaaki Kitano, Michikazu Hara, Hideo Hosono	Tokyo Institute of Technology	GP2205	03-Jun-2014, 17:40-19:40	P4/P5
Synthesis of Core-shell $\text{Au}@ \text{CeO}_2$ Nanocomposite and Its Catalytic Application for Selective Deoxygenation of Epoxides	Masaaki Yamamoto, Zen Maeno, Takato Mitsudome, Tomoo Mizugaki, Koichiro Jitsukawa, Kiyotomi Kaneda	Osaka University	GP2206	03-Jun-2014, 17:40-19:40	P4/P5
Preferential Oxidation of Carbon Monoxide over $\text{Pt-FeO}_x/\text{CeO}_2$ Synthesized by Two-Nozzle Flame Spray Pyrolysis	Jochen A.H. Dreyer, Henrike K. Großmann, Tim Grieb, Lutz Mädler, Wey Yang Teoh	City University of Hong Kong, University of Bremen	GP2207	03-Jun-2014, 17:40-19:40	P4/P5
Benzene-selective Hydrodeoxygenation of Guaiacol over Zr - modified SBA-15 Catalysts	Pratap T. Patil, Jie Chang, Silvia Dewiyanti, Armando Borgna	Institute of Chemical and Engineering Sciences (ICES)	GP2208	03-Jun-2014, 17:40-19:40	P4/P5

TOCAT7 Program for Poster Presentation, June 4 (Wed) 17:40-19:40

Title	Authors	Affiliation	Code	Date&Time	Room
Synergism Between CdTe Semiconductor And Pyridine Photo-Electrocatalyst For CO ₂ Reduction To Formic Acid	Da Hye Won, Ji Hoon Jeon, Paulpandian Muthu Mareeswaran, Chang Hyuck Choi, Seong Ihl Woo	KAIST	GP3001	04-Jun-2014, 17:40-19:40	P1
The Novel Catalysts of 3D Ordered Macroporous TiO ₂ -Supported Au@CdS Nanoparticles for The Photocatalytic Reduction of CO ₂ into Methane	Jinqing Jiao, Yuechang Wei, Zhen Zhao, Jian Liu	China University of Petroleum	GP3002	04-Jun-2014, 17:40-19:40	P1
Enhanced Photocatalytic Conversion of CO ₂ on Sulfur-Doped Polymeric g-C ₃ N ₄ Photocatalyst under Visible Light	Sheng Zhou, Ying Liu, Guiyuan Jiang, Aijun Duan, Jian Liu, Daxi Wang, Zhen Zhao	China University of Petroleum	GP3003	04-Jun-2014, 17:40-19:40	P1
Sodium Hexatitanate Photocatalysts Prepared by A Flux Method for Reduction of Carbon Dioxide with Water	Masumi Sato, Zhang Like, Keigo Masuda, Takeshi Morikawa, Tsutomu Kajino, Takeshi Sekito, Shinichi Matsumoto, Hirohito Hirata, Hisao Yoshida	Kyoto University, Nagoya University, Toyota Central R&D Labs., Inc., Toyota Motor Corporation	GP3004	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Conversion of CO ₂ by H ₂ O over Ag Modified La-Ti Based Oxides	Zheng Wang, Kentaro Teramura, Saburo Hosokawa, Tsunehiro Tanaka	Kyoto University, JST-PRESTO	GP3005	04-Jun-2014, 17:40-19:40	P1
Optimization of Preparation Conditions of Ni-Al LDHs for The Photocatalytic Conversion of CO ₂ in Water	Hirohisa Ishii, Shoji Iguchi, Kentaro Teramura, Saburo Hosokawa, Tsunehiro Tanaka	Kyoto University, JST-PRESTO	GP3006	04-Jun-2014, 17:40-19:40	P1
Layered Oxides for Visible Light Responsive Water Splitting	Soumya B.N., R.Nandini Devi	CSIR-National Chemical Laboratory	GP3007	04-Jun-2014, 17:40-19:40	P1
Effect of The Preparation Condition of Ga ₂ O ₃ to The Photocatalytic Property to The Overall Photocatalytic H ₂ O Splitting	Yoshihisa Sakata, Takaki Nakagawa, Yasuhiro Nagamatsu, Ryo Yasunaga, Hayao Imamura	Yamaguchi University	GP3008	04-Jun-2014, 17:40-19:40	P1
Two-Step Overall Water Splitting on Pt/K ₃ NbO ₈ and Pt/WO ₃ with I ⁻ /IO ₃ ⁻ Shuttle Redox Mediator	Hsin-Yu Lin, Jian-Hao Su	National Dong Hwa University	GP3009	04-Jun-2014, 17:40-19:40	P1
Surface Modified ZnO Nanoparticles for Water Splitting Activity	Leena George, R Nandini Devi	CSIR-National Chemical Laboratory	GP3010	04-Jun-2014, 17:40-19:40	P1
Ordered Macroporous Bi ₂ O ₃ /TiO ₂ Film Coated on Rotating Disk with Enhanced Visible Photoactivity	Yuning Huo, Jiahui Zhong, Xiaofang Chen, Hexing Li	Shanghai Normal University	GP3011	04-Jun-2014, 17:40-19:40	P1
AgCuGaSe ₂ Photocathodes Prepared by Two-Step Deposition Method for Solardriven Water Splitting	Li Zhang, Tsutomu Minegishi, Jun Kubota, Kazunari Domen	The University of Tokyo	GP3012	04-Jun-2014, 17:40-19:40	P1
Efficient Water Splitting under Visible Light on TaON Photoanode Loaded with Cobalt-Phosphate Cocatalyst	Koki Ueno, Masanobu Higashi, Ryu Abe	Kyoto University, JSPS-NEXT Program	GP3013	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Hydrogen Production under Visible Light Irradiation from Aqueous Solutions of Ethanol	Ekaterina Kozlova, Dina Markovskaya, Valentin Parmon	Boreskov Institute of Catalysis, Novosibirsk State University	GP3014	04-Jun-2014, 17:40-19:40	P1
The Preparation of Porous Transition Metal-Based MOFs with Excellent Solar Light Photocatalysis	Chencheng Dong, Mingyang Xing, Jinlong Zhang	East China University of Science and Technology	GP3015	04-Jun-2014, 17:40-19:40	P1
Development of Hydrogen-Evolving Photocatalyst with Visible Light Response Prepared by A Molten CuCl Salt Treatment	Katsuya Iwashina, Akihito Iwase, Akihiko Kudo	Tokyo University of Science	GP3016	04-Jun-2014, 17:40-19:40	P1
Graphite C ₃ N ₄ Quantum Dots Modified TiO ₂ Nanotube Photoelectrodes for Efficient Visible Light Photoelectrochemical H ₂ Evolution	Zichao Lian, Xin Li, Guisheng Li, Dieqing Zhang, Hexing Li	Shanghai Normal University	GP3017	04-Jun-2014, 17:40-19:40	P1
Microwave-Assisted Synthesis of Hollow Hexagonal Prism TiO ₂ for The Photocatalytic H ₂ Evolution and Degradation of Organic Pollutants	Shanshan Zhang, Dieqing Zhang, Hexing Li	Shanghai Normal University	GP3018	04-Jun-2014, 17:40-19:40	P1
Synthesis of TiO ₂ /CuFeS ₂ and Its Photocatalytic Hydrogen Production by Methanol/Water Splitting	Sora Kang, Byeong Sub Kwak, Misook Kang	Yeungnam University	GP3019	04-Jun-2014, 17:40-19:40	P1

Photocatalytic Hydrogen Production from Water by Ir and Rh Complexes within A Macroporous Resin	Yoshihiko Kubota, Kohsuke Mori, Hiromi Yamashita	Osaka University, Kyoto University	GP3020	04-Jun-2014, 17:40-19:40	P1
Formation of Lactones from Aromatic Diacid Compounds in Acetonitrile Solution by TiO ₂ -Photocatalytic Reactions	Ryusei Oketani, Suguru Higashida, Michio Matsumura	Osaka Prefecture University College of Technology, Osaka University	GP3021	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Reduction of Sulfoxides to Sulfides over Titanium(IV) Oxide at Room Temperature under Reducing Gas-Free and Metal-Free Conditions	Kousuke Nakanishi, Kazuya Imamura, Keiji Hashimoto, Hiroshi Kominami	Kinki University	GP3022	04-Jun-2014, 17:40-19:40	P1
Addition of Alcohol to Benzene with C–C Bond Formation on Pt Loaded Titanium Oxide Photocatalyst	Tomoaki Takeuchi, Yuki Fujimura, Hisao Yoshida	Kyoto University, Nagoya University	GP3023	04-Jun-2014, 17:40-19:40	P1
Reversible Dehydrogenation-Hydrogenation Reactions of Tetrahydroquinoline-Quinoline System over Metal-Loaded Titanium(IV) Oxide	Naoko Seto, Kazuya Imamura, Keiji Hashimoto, Hiroshi Kominami	Kinki University	GP3024	04-Jun-2014, 17:40-19:40	P1
Ordered Mesoporous TiO ₂ with Exposed (001) Facets and Enhanced Activity in Photocatalytic Selective Oxidation of Alcohols	Feifei Chen, Jinguo Wang, Zhenfeng Bian, Jian Zhu, Hexing Li	Shanghai University of Electric Power, Shanghai Normal University	GP3025	04-Jun-2014, 17:40-19:40	P1
Preparation of Silver Halides for Selective Oxidation of Alcohols under Irradiation of Visible Light	Yuri Nishino, Atsuhiko Tanaka, Keiji Hashimoto, Hiroshi Kominami	Kinki University	GP3026	04-Jun-2014, 17:40-19:40	P1
Simultaneous Removal of Nitrite and Ammonia to Dinitrogen in Aqueous Suspensions of Titanium(IV) Oxide Photocatalyst under Reagent-Free and Metal-Free Conditions at Room Temperature	Ken Kitsui, Yuki Ishiyama, Keiji Hashimoto, Hiroshi Kominami	Kinki University	GP3027	04-Jun-2014, 17:40-19:40	P1
Decontamination of Nitrite and Nitrate Wastewaters Using Photocatalytic Titania/Zero-Valent Iron Nanocomposites	Tyz-Wei Chang, Kuen-Song Lin, Khalilrahman Dehvari, Chih-Ping Liou	Yuan Ze University	GP3028	04-Jun-2014, 17:40-19:40	P1
Selective Catalytic Reduction of NO with NH ₃ over Organic Dye–Modified TiO ₂ Photocatalysts under Visible–Light Irradiation	Akira Yamamoto, Kentaro Teramura, Saburo Hosokawa, Tsunehiro Tanaka	Kyoto University, JST	GP3029	04-Jun-2014, 17:40-19:40	P1
Hydrogen Evolution from Water by Cu-Ga-Se Photocathodes Prepared from Powder Materials under Visible Light	Hiromu Kumagai, Tsutomu Minegishi, Jun Kubota, Kazunari Domen	The University of Tokyo	GP3030	04-Jun-2014, 17:40-19:40	P1
Oxygen Evolution Using BaNbO ₂ N under Visible Light Illumination (< 740 nm)	Takashi Hisatomi, Chisato Katayama, Yosuke Moriya, Tsutomu Minegishi, Masao Katayama, Hiroshi Nishiyama, Taro Yamada, Kazunari Domen	The University of Tokyo, Japan Technological Research Association of Artificial Photosynthetic Chemical Process, Fujifilm Corporation	GP3031	04-Jun-2014, 17:40-19:40	P1
Preparation of Pt-Loaded WO ₃ Photocatalysts with Different Types of Morphology and Degradation of Organic Compounds	Aya Fujii, Shisou Yoshimura (Mou), Takeshi Hashishin, Chihiro Yogi, Tomoe Sanada, Kazuo Kojima	Ritsumeikan University, Osaka University	GP3032	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Degradation of Organic Dye RhB by Cobalt Cocatalyst Dispersed on Strong Site and Weak Sites of Hematite Nanoparticles	Hsinting Hung, Tsinghai Wang, Chu-Fang Wang	National Tsing Hua University	GP3033	04-Jun-2014, 17:40-19:40	P1
C ₆₀ /Bi ₂ TiO ₄ F ₂ Photocatalysts with Enhanced Visible-Light Activity for Environmental Remediation	Guisheng Li, Bo Jiang, Xin Li, Zichao Lian, Dieqing Zhang, Hexing Li	Shanghai Normal University	GP3034	04-Jun-2014, 17:40-19:40	P1
Acid Orange 7 Photocatalytic Degradation with A NiO/TiO ₂ Bilayer Film in The Presence and Absence of Light	Suphamongkol Buama, Pailin Ngaotrakanwivat, Pramoch Rangsunvigit	Chulalongkorn University, Burapha University	GP3035	04-Jun-2014, 17:40-19:40	P1

Photocatalytic Oxidation of Toluene over TiO ₂ Modified with WO ₃ and TiO ₂ -V ₂ O ₅ Compound with An Aim to Design An Energy Storage Photocatalyst	Nat Phongprueksathat, Vissanu Meeyoo, Pailin Ngaotranakwivat	Mahanakorn University of Technology, Burapha University	GP3036	04-Jun-2014, 17:40-19:40	P1
Photoelectrocatalytic Degradation of The Antibiotic Sulfamethoxazole by TiO ₂ /Ti Photoelectrode	Yuh-Fan Su , Yang-Hsin Shih	National Taiwan University	GP3037	04-Jun-2014, 17:40-19:40	P1
Photodeposition Process of Pt Nanoparticles on TiO ₂ Photocatalyst	Tomoko Yoshida, Yasuhiro Minoura, Yuuji Nakano, Shinya Yagi, Hisao Yoshida	Nagoya University, Kyoto University	GP3038	04-Jun-2014, 17:40-19:40	P1
Design of TiO ₂ and Zeolite Templated Carbon (ZTC) Composite Photocatalyst for Purification of Contaminated Water	Waleeporn Donphai, Somchuen Kittima, Takashi Kamegawa, Manop Charoenchaitakool, Hiroto Nishihara, Metta Chareonpanich, Takashi Kyotani, Hiromi Yamashita	Osaka University, Kasetsart University, Kyoto University, Tohoku University	GP3039	04-Jun-2014, 17:40-19:40	P1
Screening of Zn _x Cd _{1-x} S Photocatalysts by Scanning Electrochemical Microscopy: Effects of Annealing Temperature on Its Photocatalytic Activity	Yu-Ching Weng, Hao Chang	Feng Chia University	GP3040	04-Jun-2014, 17:40-19:40	P1
MIL-125(Ti)-NH ₂ -TiO ₂ Heterojunctions as New Approach to Visible Light Photocatalysts	Stephan Jaenicke, Jiulong Sun, Aijuan Han, Gaik-Khuan Chuah	National University of Singapore	GP3041	04-Jun-2014, 17:40-19:40	P1
Hydrothermal Synthesis and Characterization of Bi ₂ MoO ₆ Nanoplates and Their Photocatalytic Activities	Phattharanit Dumrongrojthanath, Anukorn Phuruangrat, Titipun Thongtem, Somchai Thongtem	Chiang Mai University, Prince of Songkla University	GP3042	04-Jun-2014, 17:40-19:40	P1
Synthesis, Characterization and Photocatalytic Property of Gd-Doped ZnO Nanorods	Oranuch Yayapao, Somchai Thongtem, Anukorn Phuruangrat, Titipun Thongtem	Chiang Mai University, Prince of Songkla University, Chiang Mai University	GP3043	04-Jun-2014, 17:40-19:40	P1
Sol-Gel Polymerization and Photocatalytic Activity of TiO ₂ Helical Nanotubes	Shin Oi, Masahiro Suzuki, Kenji Hanabusa	Shinshu University	GP3044	04-Jun-2014, 17:40-19:40	P1
Effects of Metal-Doping on The Photocatalytic Activities of TiO ₂ Nanotubes	Shin Oi, Yukie Katou, Masahiro Suzuki, Kenji Hanabusa	Shinshu University	GP3045	04-Jun-2014, 17:40-19:40	P1
Enhanced Photocatalytic Activities of Vacuum Activated TiO ₂ Catalysts with Ti ³⁺ and N Co-Doped	Wenzhang Fang, Mingyang Xing, Jinlong Zhang	East China University of Science and Technology	GP3046	04-Jun-2014, 17:40-19:40	P1
Hydrothermal Synthesis and Photocatalytic Properties of Bi ₂ WO ₆ Nanoplates	Anukorn Phuruangrat	Prince of Songkla University	GP3047	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Selective Oxidation of Propylene with Molecular Oxygen over Silica Supported Vanadium Oxide Prepared by A Hydrothermal Method	Hiroto Mineji, Akira Yamamoto, Kentaro Teramura, Saburo Hosokawa, Tsunehiro Tanaka	Kyoto University, JST	GP3048	04-Jun-2014, 17:40-19:40	P1
Synthesis and Photocatalytic Activity of Nb-Doped Titanias with Rutile Structure	Shinnosuke Noguchi, Shinji Iwamoto	Gunma University	GP3049	04-Jun-2014, 17:40-19:40	P1
Synthesis of TiO ₂ Films with Gorgeous Colors and Enhancing Photocatalytic Activity by Matching Photonic Band Gaps of TiO ₂ to The Absorption of Dye	Jian Zhu, Xiaoting Li, Hexing Li	Shanghai Normal University	GP3050	04-Jun-2014, 17:40-19:40	P1
Photocatalytic Removal of 2,4-Dichlorophenoxyacetic Acid Over Copper Oxide Supported on Titanium Dioxide	Hendrik O. Lintang, Wai Ruu Siah, Nur Azmina Roslan, Mustaffa Shamsuddin, Leny Yuliaty	Universiti Teknologi Malaysia	GP3051	04-Jun-2014, 17:40-19:40	P1
Photoelectrochemical Water Splitting Using Modified CuInS ₂ Photoelectrodes	Gunawan Gunawan, Shigeru Ikeda, Wilman Septina, Takashi Harada, Michio Matsumura	Osaka University	GP3052	04-Jun-2014, 17:40-19:40	P1
Structural, Optical, Electrical and Photocatalytic Properties of Various TiO ₂ Nanostructures Deposited with Ag and Au Nanoparticles	Agnes Veres, Judit Menesi, Imre Dekany, Ziyi Zhong	University of Szeged, Institute of Chemical and Engineering Sciences	GP3053	04-Jun-2014, 17:40-19:40	P1

Visible Light Responsive Photocatalyst Using Localized Surface Plasmon Resonance for Ammonia Synthesis	Haisheng Zeng, Shinji Terazono, Toshihiro Tanuma	Asahi Glass Co.	GP3054	04-Jun-2014, 17:40-19:40	P1
Nanocomposite Thin Film of TiO ₂ Photocatalyst and Polytetrafluoroethylene for Superhydrophobic Coating with Self-Cleaning Property	Koichi Irikawa, Yuki Shimizu, Takashi Kamegawa, Hiromi Yamashita	Osaka University, Kyoto University	GP3055	04-Jun-2014, 17:40-19:40	P1
Preparation of Spherical TiO ₂ @Graphene Composite with High Photocatalysis	Pengwei Liu, Mingyang Xing, Jinlong Zhang	East China University of Science and Technology	GP3056	04-Jun-2014, 17:40-19:40	P1
Preparation of Decahedral Anatase Titania Particles with High-Level Photocatalytic Activity	Noriyuki Sugishita, Yasushi Kuroda, Bunsho Ohtani	Showa Denko Ceramics Co. Ltd., Hokkaido University	GP3057	04-Jun-2014, 17:40-19:40	P1
Extraordinary Effects of Argon Atmosphere on TiO ₂ Photocatalysis	Yusuke Ide, Hideya Hattori, Tsuneji Sano	National Institute for Materials Science (NIMS), Hiroshima University	GP3058	04-Jun-2014, 17:40-19:40	P1
Synthesis and Characterization of Highly Reproducible Zinc Oxide Nanorods and Their Photocatalytic Efficiencies	Angelica Sáenz-Trevizo, P. Amézaga-Madrada, P. Pizá-Ruiza, W. Antúnez-Flores, C. Ornelas-Gutiérrez, S. A. Pérez-García, M. Miki-Yoshida	Centro de Investigación en Materiales Avanzados	GP3059	04-Jun-2014, 17:40-19:40	P1
Effect of Calcination Temperatures on The Activity of Commercial TiO ₂ Photocatalysts for Removal of 2,4-Dichlorophenoxyacetic Acid	Leny Yuliaty, Wai Ruu Siah, Nur Azmina Roslan, Mustaffa Shamsuddin, Hendrik O. Lintanga	Universiti Teknologi Malaysia	GP3060	04-Jun-2014, 17:40-19:40	P1
Effect of Gold Nanoparticle Morphology on the Photocatalytic Activity of Thin Film TiO ₂ : Study in Particle Distribution and Clustering	Yujin Kim, Arthur Montazeri, Nazir P. Kherania	University of Toronto	GP3061	04-Jun-2014, 17:40-19:40	P1
Photoelectrochemistry of Ni Doped CuWO ₄ Thin Film Made by Spray Pyrolysis	Linh Thi Ngoc Tran, Ji-Wook Jang, Ganesan Magesh, Alexander Deangelis, Jae Sung Lee	Pohang University of Science and Technology, Boston College, Ulsan National Institute of Science and Technology	GP3062	04-Jun-2014, 17:40-19:40	P1
Facile Synthesis of Sn _x N _y Photoanode for Solar Photoelectrochemical Water Splitting	Satyabadi Martha, Hee Jun Kim, Jeong Min Baik, Jae Sung Lee	Ulsan National Institute of Science & Technology	GP3063	04-Jun-2014, 17:40-19:40	P1
Click Chemistry on Silica for Separation of Single-Walled Carbon Nanotubes	Tingting Zhu, Woo-Jae Kim	Gachon University	GP3064	04-Jun-2014, 17:40-19:40	P1
Reusable Palladium-Supported Nanoferrite Catalyst for Suzuki-Miyaura Reaction	Duangruthai Phithak, Pranorm Saejueng	Ubon Ratchathani University	GP3065	04-Jun-2014, 17:40-19:40	P1
Immobilization of Cyclopentadienyl Ruthenium(II) Complex on Mesoporous Silica: A Heterogeneous Catalyst for Selective Hydrosilylation of 1-Hexyne at Room Temperature	Dang Do Van, Takuya Hosokawa, Masakazu Saito, Yu Horiuchi, Masaya Matsuoka	Osaka Prefecture University	GP3066	04-Jun-2014, 17:40-19:40	P1
Stereoselective Hydrogenation of Dienes on Cr(CO) ₃ Subcarbonyl Species Encaged in F A U-Type Zeolites	Yasuaki Okamoto, Hiroyuki Onimatsu, Masao Hori, Yukiko Inui, Hiroshige Kane, Takeshi Kadono, Takeshi Kubota, Takashi Sugimura	University of Hyogo, Osaka University, Shimane University	GP3067	04-Jun-2014, 17:40-19:40	P1
Ruthenium(IV) Porphyrin Catalyzed Nitrene Insertion to sp ³ and sp ² C-H Bond Using Phosphoryl Azides as Nitrene Source	Wenbo Xiao, Congying Zhou, Chi-Ming Che, Cong-Ying Zhou	The University of Hong Kong	GP3068	04-Jun-2014, 17:40-19:40	P2
Efficient Tris(4-Methoxyphenyl)Phosphine in Palladium(II)-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions	Kittiya Wongkhan, Benjawan Nhokeaw, Somboon Sahasithiwat, Rukkia Jitchati	Ubon Ratchathani University, Thailand Science Park	GP3069	04-Jun-2014, 17:40-19:40	P2

Hydrogenation of Carbon Dioxide Catalyzed by Pyridine-Based Ruthenium PNP Pincer: The Role of Metal-Ligand Cooperation	Evgeny A.Pidko, Georgy A.Filonenko, Emiel J.M.Hensen	Eindhoven University of Technology	GP3070	04-Jun-2014, 17:40-19:40	P2
Selective Oxidation of Styrenes Using Iron-H ₂ O ₂ Catalytic System under Chloride-Free Conditions	Yoshihiro Kon, Shinji Tanaka, Takefumi Chishiro, Kazuhiko Sato	National Institute of Industrial Science and Technology (AIST)	GP3071	04-Jun-2014, 17:40-19:40	P2
Nitrene Transfer Reactions Catalyzed by Iron-Sulfur Clusters	Kwok-Ming Wong, Haiyu Wang, Jie-Sheng Huang, Chi-Ming Che	The University of Hong Kong	GP3072	04-Jun-2014, 17:40-19:40	P2
Iron-Catalyzed ortho-C-H Amination of Aromatic Amines	Yuma Aoki, Ryuji Imayoshi, Takuji Hatakeyama, Masaharu Nakamura	Kyoto University	GP3073	04-Jun-2014, 17:40-19:40	P2
Theoretical Study on The Mechanism of Fe-Catalyzed Transformation of Dinitrogen into Silylamine	Hiromasa Tanaka, Masahiro Yuki, Kouitsu Sasaki, Yoshihiro Miyake, Yoshiaki Nishibayashi, Kazunari Yoshizawa	Kyushu University, University of Tokyo	GP3074	04-Jun-2014, 17:40-19:40	P2
Activity Prediction of Zirconocene Catalysts in Ethylene and 1-Hexene Copolymerization Using QSAR Technique	Vudhichai Parasuka, Prinya Charoenkhai, Tossapol Khamnaen	Chulalongkorn University, SCG Chemicals	GP3075	04-Jun-2014, 17:40-19:40	P2
Role of Malonate Donor on The Insertion Barrier and Stereoselectivity of Ziegler-Natta Catalyzed Propylene Polymerization	Manussada Ratanasak, Vudhichai Parasuka	Chulalongkorn University	GP3076	04-Jun-2014, 17:40-19:40	P2
Copolymerization of Carbon Dioxide and Epoxides by Double Metal Cyanide Catalysts Bearing Ester Complexing Agents	Seong Jin Byeon, Eun Su Yun, Dae-Won Park, Il Kim	Pusan National University	GP3077	04-Jun-2014, 17:40-19:40	P2
Ethylene Polymerization Using Iminoquinolinenickel(II) Complex Immobilized in Clay Mineral Interlayer	Hideki Yamanaka, Rie Mikishima, Kazuhiro Yamamoto, Tsutomu Sakuragi, Masa-Aki Ohshima, Hideki Kurokawa	Saitama University, Japan Polychem Corporation	GP3078	04-Jun-2014, 17:40-19:40	P2
Synthesis of New Cyclic Olefin Copolymers by Ethylene Copolymerizations with Cyclohexene Derivatives Using Nonbridged Half-Titanocene Catalysts	Srisuda Patamma, Kotohiro Nomura	Tokyo Metropolitan University	GP3079	04-Jun-2014, 17:40-19:40	P2
Regioselective Oxidative Coupling Reaction of Dimethylphenol Catalyzed by Polyamine Dendrimer-Encapsulated Copper Complex Using Molecular Oxygen	Zen Maeno, Takato Mitsudome, Tomoo Mizugaki, Koichiro Jitsukawa, Kiyotomi Kaneda	Osaka University	GP3080	04-Jun-2014, 17:40-19:40	P2
Metal-Free Aerobic Oxidation of Alcohols Using An Aromatic Polyether Ketone Supported Organocatalyst	Ying Shi, Yuta Nabae, Teruaki Hayakawa, Masa-Aki Kakimoto	Tokyo Institute of Technology	GP3081	04-Jun-2014, 17:40-19:40	P2
Improved Catalytic Performance of Lipase Enzymes Immobilized on Oil-Filled Spherical Silica Nanoparticles	Yasuhiro Magatani, Yasutaka Kuwahara, Takashi Kamegawa, Kohsuke Mori, Hiromi Yamashita	Osaka University, Kyoto University, National Institute of Advanced Industrial Science and Technology (AIST)	GP3082	04-Jun-2014, 17:40-19:40	P2
Cyclic Alkane Metathesis Reactions via Surface Organometallic Chemistry	Emmanuel Callens, Nassima Riache, Manoj K. Samantaray, Jean-Marie Basset	King Abdullah University of Science and Technology	GP3083	04-Jun-2014, 17:40-19:40	P2
Two Methods for Regio-Selective Aromatic C-H Bond Fluorination	Shao-Jie Lou, Dan-Qian Xu	Zhejiang University of Technology	GP3084	04-Jun-2014, 17:40-19:40	P2
Regio-Selective C-H Bond Nitration: Scope and Mechanism	Shao-Jie Lou, Wei Zhang, Dan-Qian Xu	Zhejiang University of Technology	GP3085	04-Jun-2014, 17:40-19:40	P2
Intercalated Natural Alpha-Amino Acids and Their Asymmetric Induction as Chiral Ligands	Jing He, Zhe An, Jiuzhao Wang, Huimin Shi, Liwei Zhao	Beijing University of Chemical Technology	GP3086	04-Jun-2014, 17:40-19:40	P2
Chiral VIVO-Sal-Indanol Complex over Modified SBA-15 Used as Enantioselective Catalyst for Asymmetric Sulfoxidation Reaction	Anand Pal Singh, Anish Lazar	CSIR-National Chemical Laboratory	GP3087	04-Jun-2014, 17:40-19:40	P2

CO ₂ Adsorption Properties and Fine Structural Characterization of Cobalt and Nickel-Based Metal Organic Framework-74	Abhijit Krishna Adhikari, Chao-Lung Chiang, Kuen-Song Lin, Sihany Yu	Yuan Ze University	GP3088	04-Jun-2014, 17:40-19:40	P3
Surface Reconstructions and Related Impact on The Catalytic Performances of LaCo _{1-x} Fe _x O ₃ Perovskite Type Structure in The Decomposition of N ₂ O at High Temperature	Pascal Granger, Christophe Dujardin, Yihao Wu	Université Lille1 Sciences et Technologies	GP3089	04-Jun-2014, 17:40-19:40	P3
Photocatalytic Removal of Sulfur Dioxide over Mn Doped Titanium Dioxide Supported by Multi-Walled Carbon Nanotubes	Hao Liu, Xianqun Yu, Yan Shi, Ying Dai, Hongmin Yang	Nanjing Noraml University	GP3090	04-Jun-2014, 17:40-19:40	P3
Photoreduction of CO ₂ and H ₂ O on Synthesized Anatase TiO ₂ Catalysts Using A Sol-Gel Process	Yasuko Y. Maruo, Kenta Tachibana, Masayuki Tsuda	Tohoku Institute of Technology, NTT Corporation	GP3091	04-Jun-2014, 17:40-19:40	P3
DFT Study on Reaction Mechanism for Selective Photocatalytic Oxidation of Benzyl Alcohol on Anatase (101) TiO ₂ Surface	Hisayoshi Kobayashi, Shinya Higashimoto	Kyoto Institute of Technology, Osaka Institute of Technology	GP3092	04-Jun-2014, 17:40-19:40	P3
Calcium Phosphate Coatings Incorporated in Mesoporous TiO ₂ /SBA-15 Toward Enhanced Adsorption-Photocatalysis Performances	Xufang Qian, Takashi Kamegawa, Kohsuke Mori, Hexing Li, Hiromi Yamashita	Osaka University, Kyoto University, Shanghai Normal University	GP3093	04-Jun-2014, 17:40-19:40	P3
Electronic Structures of Hetero Atom Substituted Anatase TiO ₂	Ryota Hasegawa, Masashi Iwasaki, Kensuke Naka, Hisayoshi Kobayashi	Kyoto Institute of Technology	GP3094	04-Jun-2014, 17:40-19:40	P3
Ruthenium Oxide Modified Nickel Electrode for Ascorbic Acid Detection	Yu-Ching Weng, Yuan-Gee Lee, Bo-Xuan Liao	Feng Chia University	GP3095	04-Jun-2014, 17:40-19:40	P3
Removal of Pentachlorophenol by Nanoscale Pd/Fe Bimetallic Particles	Yuh-Fan Su, Meng-Yi Chen, Yang-Hsin Shih	National Taiwan University	GP3096	04-Jun-2014, 17:40-19:40	P3
Degradation of Trichloroethylene in Water by One-Pot Synthesized Zerovalent Iron/Activated Carbon Composite	Yuh-Fan Su, Yu-Ling Cheng, Yang-Hsin Shih	National Taiwan University	GP3097	04-Jun-2014, 17:40-19:40	P3
A Novel Method for Quantifying Reducing Capacity of Nanoiron Particles	Visanu Tanboonchuy, Nurak Grisdanurak, Chih-Hsiang Liao	Mahanakorn University of Technology, Thammasat University, Chia Nan University of Pharmacy and Science	GP3098	04-Jun-2014, 17:40-19:40	P3
Direct Decomposition of NO over Ba-CeO ₂ -Y ₂ O ₃ Catalyst	Yasuyuki Doi, Masaaki Haneda, Masakuni Ozawa	Nagoya Institute of Technology, Nagoya University	GP3099	04-Jun-2014, 17:40-19:40	P3
On The Origin of The Optimum Loading of Ag on Al ₂ O ₃ in The C ₃ H ₆ -SCR of NO _x	Cyril Thomas, Tesnim Chaieb, Laurent Delannoy, Catherine Louis	Université P. & M. Curie (UPMC)	GP3100	04-Jun-2014, 17:40-19:40	P3
Effect of SiO ₂ -Doping and Mesopore Size of Alumina Support on Activity for Diesel Oxidation Catalyst	Junko Uchisawa, Takeru Tango, Shigeki Hara, Masaaki Haneda, Tatsuro Murakami, Hideyuki Nakagawa, Tetsuya Nanba, Akira Obuchi	National Institute of Advanced Industrial Science and Technology (AIST), Mizusawa Industrial Chemicals Ltd., Nagoya Institute of Technology	GP3101	04-Jun-2014, 17:40-19:40	P3
Methods for Distinguishing Fast and Standard SCR Pathways in NH ₃ -DeNO _x	Alina I. Mytareva, Dmitry A. Bokarev, Selvam Parasuraman, Aleksandr Yu. Stakheev	Institute of Organic Chemistry, Indian Institute of Technology-Madras	GP3102	04-Jun-2014, 17:40-19:40	P3
Developing A High-Throughput Equipment for The Investigation of Perovskite Type Catalyst in Exhaust Gas Treatment	Onur Keser, Martin Lucas, Peter Claus	Technische Chemie II	GP3103	04-Jun-2014, 17:40-19:40	P3

The Influence of The Preparation Procedure on The Catalytic Activity of Fe-BEA Zeolites in SCR of NO with Ammonia and N ₂ O Decomposition	Stanislaw Dzwigaj, Paweł Boroń, Lucjan Chmielarz, Jacek Gurgul, Kazimierz Łątka, Tetsuya Shishido	Université P. & M. Curie (UPMC), CNRS-UMR, Jagiellonian University, Jerzy Haber Institute of Catalysis and Surface Chemistry, Institute of Physics, Jagiellonian University, Kyoto University	GP3104	04-Jun-2014, 17:40-19:40	P3
Different Effect of Hydrogen on The Activity of Ag Al BEA and Ag Si BEA Zeolites in SCR of NO with Ethanol and Butanol	Stanislaw Dzwigaj, Nataliia Popovych, Pavlo Kyriienko, Sergiy Soloviev	Université P. & M. Curie (UPMC), Université Paris 06, CNRS UMR, L.V.Pisarzhevskii Institute of Physical Chemistry of the National Academy of Sciences of Ukraine	GP3105	04-Jun-2014, 17:40-19:40	P3
Promotion Effect of Ga on Reduction of NO over Cu/Alumina under The Stoichiometric Conditions	Yoshihiro Ito, Kakuya Ueda, Junya Ohyama, Atsushi Satsuma	Nagoya University, Kyoto University	GP3106	04-Jun-2014, 17:40-19:40	P3
Synergy of Brønsted and Lewis Acidities on Fece-ZSM-5 Catalysts During Selective Catalytic Reaction of NO by NH ₃	Sayed Begum, Xiaoxiang Han, Chin-Te Hung, Pei-Hao Wu, Shing-Jong Huang, Shang-Bin Liu	Institute of Atomic and Molecular Sciences, Academia Sinica, National Taiwan University, Nano Science & Technology Program, TIGP, Academia Sinica, Zhejiang Gongshang University	GP3107	04-Jun-2014, 17:40-19:40	P3
Selective Catalytic Reduction of NO with Ethene- Activity of The Two-Bed Catalyst of Al ₂ O ₃ -BaZrO ₃ -	Kenta Suzuki, Akituna Miyamoto, Noriyasu Okazaki	Kitami Institute of Technology	GP3108	04-Jun-2014, 17:40-19:40	P3
Synthesis of Three-Dimensionally Ordered Macroporous KNO ₃ /Mn _{0.5} Ce _{0.5} O ₆ Catalysts and Their Catalytic Performances for Soot Oxidation	Xuehua Yu, Yuechang Wei, Zhen Zhao, Jian Liu, Aijun Duan, Guiyuan Jiang	China University of Petroleum	GP3109	04-Jun-2014, 17:40-19:40	P3
Ce-Mo Mixed Oxide Catalyst for The Selective Catalytic Reduction of NO by NH ₃	Jihui Wang, Yongdan Li	Tianjin University	GP3110	04-Jun-2014, 17:40-19:40	P3
NO _x Purification Performance of Rh/Metal Phosphate Catalysts under Fuel-Lean Conditions	Yuki Nagao, Yunosuke Nakahara, Takahiro Sato, Hidekazu Kanemitsu, Hironori Iwakura, Masato Machida	Mitsui Mining & Smelting Co., Ltd., Kumamoto University, Kyoto University	GP3111	04-Jun-2014, 17:40-19:40	P3
NO Reduction with CO over Al ₂ O ₃ Supported Cu-Based Catalyst	Kyoko Tamaru, Saburo Hosokawa, Kentaro Teramura, Tsunehiro Tanaka	Kyoto University, JST-PRESTO	GP3112	04-Jun-2014, 17:40-19:40	P3
Potential Strategies to Enhance SCR of NO _x over Ag/Al ₂ O ₃ Catalyst	Asima Sultana, Motoi Sasaki, Kunio Suzuki, Hideaki Hamada	National Institute of Advanced Industrial Science and Technology (AIST)	GP3113	04-Jun-2014, 17:40-19:40	P3
Into The Reaction Mechanism of NO Reduction by CO on Au-Ni/SiO ₂ Catalysts	Hervé Leclerc, Sébastien Thomas, Frédéric Thibault-Starzyk, Shogo Shirakawa, Hiroaki Takahashic, Hirohito Hirata	Université de Caen Basse-Normandie, Toyota Motor Corporation, Toyota Motor Europe	GP3114	04-Jun-2014, 17:40-19:40	P3
NO _x Storage and Reduction on Rare Earths-Based Mixed Oxides	Marco Daturi, Emeline Dassonneville, Vanessa Blasin-Aube, Jean-Pierre Gilson, Bernadette Saubat, Nicolas Sergent, Agnes Princivalle, Christophe Guizard, Caroline Tardivat	Université de Caen-Basse Normandie, Université Joseph Fourier, Laboratoire de Synthèse et Fonctionnalisation des Céramiques	GP3115	04-Jun-2014, 17:40-19:40	P3

Effect of Hydrogen Pretreatment and Acid-Base Additives on The Catalytic Activity of Pt Pd/Al ₂ O ₃ Based Catalysts for Diesel NO Oxidation	Motoi Sasaki, Asima Sultana, Kunio Suzuki, Masaaki Haneda, Hideaki Hamada	National Institute of Advanced Industrial Science and Technology (AIST), Nagoya Institute of Technology	GP3116	04-Jun-2014, 17:40-19:40	P3
Influence of The Nature and Environment of Cobalt on The Catalytic Activity of Co Si BEA Zeolite in Selective Catalytic Reduction of NO with Ammonia	Rafal Baran, Thomas Onfroy, Sandra Casale, Teresa Grzybek, Stanisław Dzwigaj	AGH University of Science and Technology, Université P. & M. Curie (UPMC), Université Paris 06, Laboratoire de Réactivité de Surface, CNRS UMR, Laboratoire de Réactivité de Surface	GP3117	04-Jun-2014, 17:40-19:40	P3
FT-IR Study on the Local Interface Structure of Rh/AlPO ₄ Catalysts	Saki Minami, Satoshi Hinokuma, Masato Machida	Kumamoto University, Kyoto University	GP3118	04-Jun-2014, 17:40-19:40	P3
Hydrophobic Pt Catalyst for Combustion of Hydrogen Isotopes at Low Temperatures	Yasunori Iwai, Hitoshi Kubo, Katsumi Sato, Yusuke Ohshima, Hiroshi Noguchi, Junichi Taniuchi	Japan Atomic Energy Agency, Tanaka Kinzoku Kogyo K.K.	GP3119	04-Jun-2014, 17:40-19:40	P3
Investigation of The Promotional Effect of H ₂ on The CO Oxidation over Monolithic Catalysts Using SpaciMS and Micro-Kinetics	Cristina Elena Stere, Alex Goguet, Chris Hardacre, Jacinto Sa, Jonathan Stewart, Roy Douglas	Queen's University Belfast, Paul Scherrer Institut	GP3120	04-Jun-2014, 17:40-19:40	P3
Study of Decontamination of The Organophosphorous CWAs by Metal Complexes (La, Cu, Zn) Methanolysis Coupled with Gold Doped Titania Photocatalyst	Nicoleta Petrea, Vasile Şomoghi, Răzvan Petre, Ştefan Neaţu, Andrada Pretorian, Florentina Neaţu, Ioan Safta	Scientific Research Centre for CBRN Defense and Ecology, SC STIMPEX SA, University Politehnica of Bucharest, University of Bucharest	GP3121	04-Jun-2014, 17:40-19:40	P3
New Oxygen Storage Oxides Screened by Nonlinear Regression Models	Teppei Kihara, Takeshi Kubota, Kohji Omata	Shimane University	GP3122	04-Jun-2014, 17:40-19:40	P3
The Role of Ni Dopant in Pd-Ni Bimetallic Catalysts for CO and C ₃ H ₆ Oxidation	Yulia Kozulina, Mika Suvanto, Kauko Kallinen, Toni-J.J. Kinnunen, Tapani Pakkanen	University of Eastern Finland	GP3123	04-Jun-2014, 17:40-19:40	P3
Optimising The Preparation of A Microwave Susceptible Catalytic DPF	Vincenzo Palma, Paolo Ciambelli, Eugenio Meloni	University of Salerno	GP3124	04-Jun-2014, 17:40-19:40	P3
Refractory and Precious Metal-Free La _{1-x} Ca _x CoO _{3-x/2} /CeO ₂ -ZrO ₂ -ZnO Catalysts for Complete Oxidation of Toluene	Toshiyuki Masui, Min Yeong Kim, Nobuhito Imanaka	Osaka University	GP3125	04-Jun-2014, 17:40-19:40	P3
Pt Nanoparticles Supported on SBA-15 Functionalized with Carboxylic Acid Group as A High Efficient Catalyst for Catalytic Methanol Oxidation	Ching-Shiun Chen, Yuan-Tai Lai	Chang Gung University	GP3126	04-Jun-2014, 17:40-19:40	P3
Catalytic Combustion of Methane at Low Temperature over PdO/θ-Al ₂ O ₃ Catalyst: Effect of Hydrogen Peroxide Treatment	Ji-Hye Ahn, Jung-Hyun Park, Hye-In Sim, Tae Woo Lee, B Hyun Sik Han, Chae-Ho Shin	Chungbuk National University, Heesung Catalysts Corp	GP3127	04-Jun-2014, 17:40-19:40	P3
Catalytic Wet Air Oxidation of Phenol Using Ag-Au Bimetallic Supported Catalysts Prepared by Recharge Method	Adib Silahua-Pavon, Gilberto Torres-Torres, Jorge Norberto Beltramini, Hector Prez Vidal, Cuahtemoc Lopez	University of Queensland	GP3128	04-Jun-2014, 17:40-19:40	P3
Effect of ZrO ₂ Additive on Total Oxidation of Toluene and Oxygen Storage Capacity over CeO ₂ -ZrO ₂ Composite Catalyst	Masakuni Ozawa, Hiroki Yuzuriha, Masaaki Haneda, Katsutoshi Kobayashi	Nagoya University, Nagoya Institute of Technology	GP3129	04-Jun-2014, 17:40-19:40	P4
Environmentally Friendly Combustion of Methane of Natural Gas in The Catalytic Heat Generators	Svetlana Alexandrovna Tungatarova, Zauresh Tapaevna Zheksenbaeva, Damir Bakytovich Abdukhalykov, Tolkyn Saparbekovna Baizhumanova	D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry	GP3130	04-Jun-2014, 17:40-19:40	P4
Role of Oxygen Mobility in The Catalytic Toluene Oxidation Activity of Supported LaMnO ₃ Perovskites	Méïssandre Richard, Fabien Can, Maira Alves Fortunato, Jose Antonio Diaz, Sonia Gil, Anne Giroir-Fendler, Nicolas Bion	Université de Poitiers, Université Lyon	GP3131	04-Jun-2014, 17:40-19:40	P4

Effect of Modification of Silica-Supported Silver Catalysts by Ceria on Total Oxidation of Formaldehyde	Tamara Kharlamova, Georgy Mamontov, Vladimir Zaikovskii, Vladimir Sobolev, Olga Vodyankina	Tomsk State University, Borekov Institute of Catalysis SB RAS	GP3132	04-Jun-2014, 17:40-19:40	P4
Study of Perovskites La Ni _{1-x} Co _x O ₃ /SiO ₂ in The Oxi-Dry Reforming of Methane	Isleide P. Lemos, Débora C. L. Lima, Ruan S. Gomes, Roberto B. Silva Jr., Lilian M. T. S. Rodrigues, Soraia T. Brandão	Federal University of Bahia	GP3133	04-Jun-2014, 17:40-19:40	P4
Enhanced Activity and Stability of Ru and Ni Incorporated CeAlO ₃ Perovskites in Dry Reforming of Methane	Hanmant R. Gurav, Srikanth N. Dama, Satyanarayana Chilukuri	National Chemical Laboratory	GP3134	04-Jun-2014, 17:40-19:40	P4
Methane Dry-Reforming Reaction on Ru(001) and Ni(100) Surfaces	Chikashi Egawa	Utsunomiya University	GP3135	04-Jun-2014, 17:40-19:40	P4
Catalytic Performance of Zeolite W/L for FCC Gasoline Hydro-Upgrading	Aijun Duan, Tianshu Li, Huan Niu, Xu Yang, Zhen Zhao, Guiyuan Jiang, Jian Liu, Yuechang Wei, Huifang Pan	China University of Petroleum	GP3136	04-Jun-2014, 17:40-19:40	P4
Formation of Active Structure and Hydrodesulfurization Catalytic Properties of Co-Mo and Co-W Sulfide Catalysts	Takeshi Kubota, Norimasa Miyamoto, Masahiro Yoshioka, Yasuaki Okamoto	Shimane University, University of Hyogo	GP3137	04-Jun-2014, 17:40-19:40	P4
Application of Local Bentonite for The Valuation of Petroleum Fractions	Nourredine Ben Tahar	M'Hamed Bougara University	GP3138	04-Jun-2014, 17:40-19:40	P4
Hydrodesulfurization Properties of ZSM-5 Zeolite-Supported Rhodium Phosphide Catalysts: Effects of Support Acidity	Ayaka Sawada, Yasuharu Kanda, Masatoshi Sugioka, Yoshio Uemichi	Muroran Institute of Technology, College of Environmental Technology, College of Design and Manufacturing Technology	GP3139	04-Jun-2014, 17:40-19:40	P4
A Study of The Co-Mo-Based Catal-Sorbents on The Various Supports for Simultaneous Removal of H ₂ S and NH ₃ in IGCC	Eunji Lim, Sukyong Jung, Jaechang Kim	Kyungpook National University, Research Institute of Advanced Energy Technology	GP3140	04-Jun-2014, 17:40-19:40	P4
Synthesis of Novel Hierarchically Porous Materials and HDS Performance of DBT	Xiaofeng Zhou, Zhengkai Cao, Jianye Fu, Yanjun Gong, Aijun Duan, Zhen Zhao, Xu Yang, Dinghong Qi	China University of Petroleum, Guangxi University	GP3141	04-Jun-2014, 17:40-19:40	P4
H MCM-22 Inside Mesoporous TUD-1: Synthesis, Characterization, and Catalytic Performance for FCC Diesel Hydrodesulfurization	Jianye Fu, Yunchuan Deng, Aijun Duan, Zhen Zhao, Xu Yang, Zhengkai Cao, Dinghong Qi	China University of Petroleum, Guangxi University	GP3142	04-Jun-2014, 17:40-19:40	P4
Development of Technology for The Manufacture of Carrier of Catalyst of Gas Purification Based on Natural Materials of The Republic of Kazakhstan	Marzhan Anuarbekovna Sadenova, Svetlana Alexandrovna Tungatarova, Saule Abdulina	D.V. Sokolsky Institute of Organic Catalysis and Electrochemistry, D. Serikbayev East Kazakhstan State Technical University	GP3143	04-Jun-2014, 17:40-19:40	P4
Synthesis of Hydroxysodalite from Paper Sludge Ash Using Naoh-Lioh Mixtures	Takaaki Wajima	Chiba University	GP3144	04-Jun-2014, 17:40-19:40	P4
Influence of Acid-Base Properties of Doped TiO ₂ Supports on The Activity of Pd-Cu/(Mg, Nb)-TiO ₂ Catalysts for Nitrate Hydrogenation	Nadine Bou-Orm, Andreea Iorgu, Stéphane Daniele, Nolven Guilhaume	Institut de Recherches sur la Catalyse et l'environnement de Lyon (IRCELYON)	GP3145	04-Jun-2014, 17:40-19:40	P4
Utilization of Water Treatment Sludge to Catalyst and Adsorbent	Nayoung Park, Hyeonhee Choi, Goun Kim, Euna Jung, Jong-Ki Jeon, Bomyong Lee, Mingil Kim, Moojeong Sohn, Choul-Ho Lee	Kongju National University, Taesung Inc. Co., Ltd, Shinpyeong Ind. Co., Ltd	GP3147	04-Jun-2014, 17:40-19:40	P4
Hydrogen Evolution Reaction over Electroless-Deposited Nanostructured Ni Electrode Catalysts	Hitoshi Ogihara, Mizuho Fujii, Ichiro Yamanaka, Tetsuo Saji	Tokyo Institute of Technology	GP3148	04-Jun-2014, 17:40-19:40	P4
Synthesis and Characterization of Nanopah Nickel Ferrite Catalysts for CO ₂ Decomposition	Chao-Lung Chiang, Kuen-Song Lin, Pei-Ju Hsu, Tzy-Wei Chang, Sihany Yu	Yuan Ze University	GP3149	04-Jun-2014, 17:40-19:40	P4

Extrusion of Pellet-Type Adsorbents Employed with Water Treatment Sludge and Its Application to Ammonia and Formaldehyde Removal Process	Goun Kim, Nayoung Park, Junghyun Bae, Choul-Ho Lee, Jae Beom Cho, Jong-Ki Jeon	Kongju National University, Taeyoung E&C.	GP3150	04-Jun-2014, 17:40-19:40	P4
Microwave Mediated Solvothermal Synthesis of Porous Organic Polymers for CO ₂ Adsorption	Ranjit Kulkarni, Cheang Rae Lim, Sang-Eon Park	Inha University	GP3151	04-Jun-2014, 17:40-19:40	P4
Decomposition of a Low Concentration of Ammonia in a Simulated Syngas-rich Fuel Gas with Limonite-based Composite Catalysts	Ayumu Ogawa, Hiroyuki Hashimoto, Yasuo Ohtsuka, Naoto Tsubouchi	Hokkaido University, Tohoku University	GP3152	04-Jun-2014, 17:40-19:40	P4
Effect of Calcination Temperature on the CO Oxidation Activity over CuO/Al ₂ O ₃ -CeO ₂ Catalysts	Jung-Hyun Park, Su-A Jeon, Chae-Ho Shin	Chungbuk National University	GP3153	04-Jun-2014, 17:40-19:40	P4
Shape-selective Isopropylation of Naphthalene for Production of 2, 6-NDC on Modified Large Pore Zeolite	Young Hye Lee, M.Banu, Jae Sung Lee	Pohang University of Science and Technology, Ulsan National Institute of Science and Technology	GP3154	04-Jun-2014, 17:40-19:40	P4
Property and Performance of Spent Iron Based Catalyst Doped with Palladium for The Catalytic Oxidation of Toluene	Sang Chul Jung, Seong Won Nahm, Young-Kwon Park, Seong Gyu Seo, Sang Chai Kim	Sunchon National University, Mokpo National University, University of Seoul, Chonnam National University	GP3155	04-Jun-2014, 17:40-19:40	P4/P5
Photocatalytic Decomposition of Dimethyl Phthalate by UV-LED/TiO ₂ Process under Periodic Illumination	Wen-Chien Chi, Shiao-Ju Shiu, Young Ku	National Taiwan University of Science and Technology	GP3156	04-Jun-2014, 17:40-19:40	P4/P5
Storage and Reduction of Nitric Oxide on Alkali-Promoted Copper-Supported CeO ₂ Catalysts	Sichem Guerrero, Gonzalo Águila, Paulo Araya	Universidad de los Andes, Facultad de Ciencias Físicas y Matemáticas	GP3157	04-Jun-2014, 17:40-19:40	P4/P5
Simultaneous Removal Catalyst of PM and NO _x over Diesel Vehicle	Wooseok Kang, Byungchul Choi, Xiaolong Jiang	Chonnam National University	GP3158	04-Jun-2014, 17:40-19:40	P4/P5
In The Search of An Optimum Zeolitic Sorbent for The Trapping of Unburnt Hydrocarbons Emitted During The Cold-Start Phase of Diesel Engines	Bruno Azambre, Alexandre Westermann, Gisèle Fingueneisel	Université de Lorraine	GP3159	04-Jun-2014, 17:40-19:40	P4/P5
Ultra-Divided MgAl ₂ O ₄ -Supported Bimetallic Pt-Pd Catalyst – Improvement of The Hydrothermal Stability and The Active Phase Anchorage	Solène Le Bras, F. Rossignol, T. Chartier, K. Lombaert, N. Raoul, P. Del Gallo	Laboratoire SPCTS, Centre Technique de Lardy, Centre de Recherche Claude-Delorme	GP3160	04-Jun-2014, 17:40-19:40	P4/P5
Structure-Activity Relationships of Cu/SAPO-34 Catalyst in Selective Catalytic Reduction of NO with NH ₃	Wenkang Su, Junhua Li	Tsinghua University	GP3161	04-Jun-2014, 17:40-19:40	P4/P5
Improvement of DeNO _x Catalytic Activity of Nanosized Perovskite Oxides Material by Citric Acid Method	Shu-Yi Tsai, Shao-Chi Chang, Chung-Ta Ni, Kuan-Zong Fung	National Cheng Kung University	GP3162	04-Jun-2014, 17:40-19:40	P4/P5
Correlation Between Quantum Chemical Calculation and Experimental Results of Pt Nano-Particles Deposited over Al ₂ O ₃ -Based Support	Young Eun Jeong, Pullur Anil Kumar, Choi Hee Lack, Kwan-Young Lee, Heon Phil Ha	Korea Institute of Science and Technology, Korea University, Pukyong National University	GP3163	04-Jun-2014, 17:40-19:40	P4/P5
Photodeposition of Platinum on Titania Support for Low Temperature Toluene Oxidation	Sang Moon Lee, Dong Wook Kwon, Ki Wang Kim, Jong Min Won, Sung Chang Hong	Kyonggi University	GP3164	04-Jun-2014, 17:40-19:40	P4/P5
Effect of Valence State in V/Ti Catalyst Prepared by Mechanochemical Method for Selective Catalytic Oxidation of NH ₃ to N ₂	Dong Wook Kwon, Geo Jong Kim, Sang Moon Lee, Sung Chang Hong	Kyonggi University	GP3165	04-Jun-2014, 17:40-19:40	P4/P5
Activated Carbon Fibers Modified by Nanoparticles of Basic Oxides as Efficient Adsorbents for VOCs Removal	Guillaume B. Baur, Igor Yuranov, Lioubov Kiwi-Minsker	Ecole Polytechnique Fédérale de Lausanne	GP3166	04-Jun-2014, 17:40-19:40	P4/P5

Effect of SO ₂ on Catalytic CO Oxidation over Nano Structured Au/Ce _{1-x} Zr _x O ₂ Catalysts	Dolly Nandlal Valechha, Y. Teraoka, M. Klementova, F. Grasset, Sadhana Rayalu, Nitin Labhsetwar	CSIR-National Environmental Engineering Research Institute	GP3167	04-Jun-2014, 17:40-19:40	P4/P5
Low-Cost Nano Iron Oxide as Catalyst for CO Oxidation	Dolly Valechha, M. Klementova, K.Motghare, S.Rayalu, Nitinlabhsetwar	CSIR-National Environmental Engineering Research Institute, Institute of Inorganic Chemistry of the AS CR	GP3168	04-Jun-2014, 17:40-19:40	P4/P5
Ethanol Oxidation over Ni-Substituted LaMnO ₃ Perovskites	Yi-Chen Hou, Ray Chang, Shih-Kang Liu, Shin-Kuan Wu, Yu-Chuan Lin	Yuan Ze University	GP3169	04-Jun-2014, 17:40-19:40	P4/P5
Preparation and Catalytic Performance of Porous Co ₃ O ₄ Microsphere-Supported Gold Nanoparticles for Toluene Combustion	Huanggen Yang, Jiguang Deng, Shaohua Xie, Wen Han, Hongxing Dai	Beijing University of Technology	GP3170	04-Jun-2014, 17:40-19:40	P4/P5
The Significant Role of Oxygen Vacancy in Cu/ZrO ₂ Catalyst for Enhancing Water-Gas-Shift Performance	Chongqi Chen, Yingying Zhan, Dalin Li, Xingyi Lin, Kemei Wei, Qi Zheng	Fuzhou University	GP3171	04-Jun-2014, 17:40-19:40	P4/P5
Understanding The Active Sites for Carbonyl Sulfide (COS) Adsorption and Hydrolysis over Basic Modified Oxides	Taha Hlayhel, David Chiche, Karim Barthelet, Guylene Costentin	IFP Energies Nouvelles, Laboratoire Réactivité de Surface	GP3172	04-Jun-2014, 17:40-19:40	P4/P5
Continuous Preparation of Fe ₃ O ₄ Catalysts Using A Rotating Packed Bed	Chia-Chang Lina, Jui-Min Ho	Chang Gung University	GP3173	04-Jun-2014, 17:40-19:40	P4/P5
Use of Industrial Wastes of Ferroalloy Production as Catalyst for Rubber Processing	Ruslan Safarov, Zhannat Shomanova, Yuri Nosenko	Innovative University of Eurasia, Pavlodar State Pedagogical Institute	GP3174	04-Jun-2014, 17:40-19:40	P4/P5
The Synthesis of Glycerol Carbonate from Glycerol and CO ₂ over Zinc Based Catalysts	Hongguang Li, Dengzheng Gao, Xi Jiao, Fukui Xiao, Ning Zhao, Feng Wang, Wei Wei	Chinese Academy of Sciences, University of Chinese Academy of Sciences, Shanghai Advanced Research Institute	GP3175	04-Jun-2014, 17:40-19:40	P4/P5
CO- Preferential Oxidation (PROX) Reaction for Syngas Clean-Up Using CuO/Ce _x Zr _{1-x} O ₂ Catalysts	Han Seul Choi, Joon Woo Kim, Suk-Jin Choung	Kyung Hee University, Heesung Corp.	GP3176	04-Jun-2014, 17:40-19:40	P4/P5
"Sun to Fuels" by Direct Photocatalytic Conversion of CO ₂ into Light Hydrocarbons	Alessandra Palella, Catia Cannilla, Giuseppe Bonura, Francesco Arena, Francesco Frusteri, Lorenzo Spadaro	Istituto CNR-ITAE "Nicola Giordano", Università degli Studi di Messina	GP3177	04-Jun-2014, 17:40-19:40	P4/P5
Optimization of New Mesoporous Silica Materials Incorporated Isolated Ti for The Photocatalytic Reduction of Carbon Dioxide	Parveen Akhter, Murid Hussain, Nunzio Russo, Guido Saracco	Politecnico di Torino	GP3178	04-Jun-2014, 17:40-19:40	P4/P5
Photocatalytic Reduction of CO ₂ on TiO ₂ Based Catalysts	Diana Sannino, Vincenzo Vaiano, Paolo Ciambelli	University of Salerno	GP3179	04-Jun-2014, 17:40-19:40	P4/P5
Modified Titania for Photocatalytic Reduction of Carbon Dioxide: Effect of Support	Yu-Wen Chen, Natarajan Sasirekha, Palanivelu Sangeetha	National Central University, Anna University, VIT University	GP3180	04-Jun-2014, 17:40-19:40	P4/P5
Hydrogen Production from Photocatalytic Splitting of Methanol/Water Solution over Magnetically Recyclable Core@Shell Structured NiFe ₂ O ₄ @TiO ₂	Hyun Soo Kim, Misook Kang	Yeungnam University	GP3181	04-Jun-2014, 17:40-19:40	P4/P5
New Insight: Photocatalytic H ₂ Evolution Sites on Pt/TiO ₂	Jun Xing	East China University of Science and Technology	GP3182	04-Jun-2014, 17:40-19:40	P4/P5
Ru(Bpy) ₃ ²⁺ -Functionalized Graphene Nanocomposite for Visible Light Photocatalyzed Dehalogenation Reaction	Xiaoyan Li, Fang Zhang, Hexing Li	Shanghai Normal University	GP3183	04-Jun-2014, 17:40-19:40	P4/P5
The Photocatalytic Degradation of Phenol onto Bismuth Vanadate Powder Prepared by The Microwave Method	Pusit Pookmanee, Pimchanok Longchin, Wiyong Kangwansupamongkon, Sukon Phanichphant	Maejo University, Chiang Mai University, National Nanotechnology Center	GP3184	04-Jun-2014, 17:40-19:40	P4/P5

Reduced Graphene Oxide Based Semiconductor Nano Composites as Photocatalyst for The Mineralization of Rhodamine B	Duraisamy Maruthamani, Duraiswami Divakar, S.S.Subramanian, M.Kumaravel	PSG College of Technology	GP3185	04-Jun-2014, 17:40-19:40	P4/P5
Effect of Floating Photocatalyst Beads on Methylene Blue Degradation via Photocatalytic Reaction with A Hybrid Advanced Oxidation Processes System	Sang-Chai Kim, Sun-Jae Kim, Seong-Gyu Seo, Young-Kwon Park, Heon Lee, Sung Hoon Park, Sang-Chul Jung	Mokpo National University, Sejong University, Chonnam National University, University of Seoul, Suncheon National University	GP3186	04-Jun-2014, 17:40-19:40	P4/P5
Fabrication of Visible-Light-Sensitive TiO ₂ with Low Copper Deposition by Microwave-Assisted Synthesis Method for Enhanced Photodegradation of Sulfamethoxazole	Li-Fen Chiang, Ruey-An Doong	National Tsing-Hua University	GP3187	04-Jun-2014, 17:40-19:40	P4/P5
Photoelectrocatalytic Decomposition of Gaseous Isopropanol by Using Proton Exchange Membrane Fuel Cell as Photoelectrochemical Reactor	Jing-An Chen, Pei-Wei Chang, Young Ku	National Taiwan University of Science and Technology	GP3188	04-Jun-2014, 17:40-19:40	P4/P5
Deposition of Copper Indium Sulfide on TiO ₂ Nanotube Arrays for The Photocatalytic Degradation of IPA in Air Streams	Guan-Ting Ye, Young Ku, Wei-Ming Hou, Pei-Yu Lin, Hsuan-Chih Wu	National Taiwan University of Science and Technology	GP3189	04-Jun-2014, 17:40-19:40	P4/P5
Effect of Calcination Temperature on Photocatalytic Activity of Bismuth Vanadate (BiVO ₄) Powder Prepared by The Sol-Gel Method	Pusit Pookmanee, Suchanya Kojinok, Tanin Tangkuaram, Sakchai Satienperakul, Supaporn Sangsrichan, Sukon Phanichphant	Maejo University, Chiang Mai University	GP3190	04-Jun-2014, 17:40-19:40	P4/P5
Sonochemical Synthesis and Characterization of Ho Doped ZnO Nanostructures and Its Photocatalytic Activities	Anukorn Phuruangrat	Prince of Songkla University	GP3191	04-Jun-2014, 17:40-19:40	P4/P5
Controllable Sonochemical Synthesis of Cu ₂ O/Cu ₂ (OH) ₃ NO ₃ Composites Toward Synergy of Adsorption and Photocatalysis	Songbo Wang, Lun Pan, Feng-Min Zhao, Zhen-Feng Huang, Ji-Jun Zou, Li Wang, Xiangwen Zhang	Tianjin University	GP3192	04-Jun-2014, 17:40-19:40	P4/P5
Enhancing The Photocatalytic Activity of Nanocrystalline Anatase TiO ₂ Thin Films by Fine-Tuning The <001> Orientation	Bozhidar Stefanov, Claes-Göran Granqvist, Lars Österlund	Uppsala University	GP3193	04-Jun-2014, 17:40-19:40	P4/P5
Photocatalytic Properties of Ceramic Tiles Functionalized with Cu-TiO ₂ and Cu-TiO ₂ /SiO ₂	Diana Sannino, Vincenzo Vaiano, Giuseppe Sarno, Serife Helvaci, Paolo Ciambelli	Salerno University, Ege University	GP3194	04-Jun-2014, 17:40-19:40	P4/P5
Catalytic Behavior of Ag and Cs ₂ CO ₃ for PM Combustion by Oxygen	Kohei Kamatani, Masaru Ogura	The University of Tokyo	GP3195	04-Jun-2014, 17:40-19:40	P4/P5
Additive Effect of Transition Metal Component on Catalytic Activity of Lanthanum-cerium Oxide for Diesel Particulate Combustion	Hiroki Muroyama, Hidenori Yamaji, Toshiaki Matsui, Koichi Eguchi	Kyoto University	GP3196	04-Jun-2014, 17:40-19:40	P4/P5
CO Hydrogenation over Cobalt Promoted Molybdenum Carbide Catalysts	Hunmin Park, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP3197	04-Jun-2014, 17:40-19:40	P4/P5
Unconventional Calcium Hydroxyapatite Supports Impregnated with Noble Metals for Catalytic Removal of Toluene	Dayan Chlala, Madona Labaki, Jean-Marc Giraudon, Jean-François Lamonier	Lebanese University, Université Lille 1	GP3198	04-Jun-2014, 17:40-19:40	P4/P5
Effect of Pretreatment on CO Oxidation over Palladium Catalysts Supported on Zr-rich Ceria-Zirconia	Naoto Kamiuchi, Masaaki Haneda, Masakuni Ozawa	Osaka University, Nagoya Institute of Technology, Nagoya University	GP3199	04-Jun-2014, 17:40-19:40	P4/P5
Effect of Particle Size in ZIF-8 for Knoevenagel Condensation Reaction	Hee-Jin Kwon, Min-Seok Jang, Wha-Seung Ahn	Inha University	GP3200	04-Jun-2014, 17:40-19:40	P4/P5
Amine-functionalized MIL-101 for CO ₂ Cycloaddition of Epichlorohydrin	Min-Seok Jang, Yu-Ri Lee, Wha-Seung Ahn	Inha University	GP3201	04-Jun-2014, 17:40-19:40	P4/P5

Scandium-Catalyzed Synthesis of Bisindoles with Fluoroalkyl Substituents	Hideyuki Suzuki, Naoya Yuuki, Ryo Sakuma, Naoki Morimoto, Ayano Satoh, Yuta Nishina	Okayama University	GP3202	04-Jun-2014, 17:40-19:40	P4/P5
Oxidative C-C Bond Formation via Dehydrogenative Coupling of Aromatic Compounds Using Vanadium Salts	Kumika Morioku, Naoki Morimoto, Yuta Nishina	Okayama University	GP3203	04-Jun-2014, 17:40-19:40	P4/P5
Theoretical Study on Pd-catalyzed Acylation of Allylic Esters with Acylsilanes and Acylstannanes.	Shohei Sanada, Michinori Sumimoto, Kenji Hori	Yamaguchi University	GP3204	04-Jun-2014, 17:40-19:40	P4/P5
Dimerization of Acetonitrile with Platinum-loaded Titanium Oxide Photocatalyst	Tomoya Matsumoto, Yuki Fujimura, Tomoaki Takeuchi, Hisao Yoshida	Kyoto University, Nagoya University	GP3205	04-Jun-2014, 17:40-19:40	P4/P5
Highly Effective CuO Photocathode Fabrication by Microwave Sintering	Youn Jeong Jang, Jae Sung Lee	Pohang University of Science & Technology, Ulsan National University of Science & Technology	GP3206	04-Jun-2014, 17:40-19:40	P4/P5
Photoconductivity Studies of Photocatalytic In ₂ O ₃ Nanoparticle Films	Loh Y.Y Joel, Laura Hoch, Nazir P. Kherani	University of Toronto	GP3207	04-Jun-2014, 17:40-19:40	P4/P5
Post-Annealing on ZnFe ₂ O ₄ Nanorod Photoanode and its Photoelectrochemical Properties	Juhun Kim, Jae Sung Lee	Pohang University of Science and Technology, Ulsan National Institute of Science and Technology	GP3208	04-Jun-2014, 17:40-19:40	P4/P5
Microwave treated Zinc Chromium Mixed Metal Oxide for Photoelectrochemical Water Splitting without External Bias	Yoon Bin Park, Jae Sung Lee	Pohang University of Science and Technology, Ulsan National University of Science and Technology	GP3209	04-Jun-2014, 17:40-19:40	P4/P5
Metal Oxide coCatalyst/BiVO ₄ Photoanode for Enhanced Photoelectrochemical Water Splitting	Jin Hyun Kima, Hyun Joon Kanga, Jae Sung Lee	Pohang University of Science and Technology, Ulsan National Institute of Science and Technology	GP3210	04-Jun-2014, 17:40-19:40	P4/P5
Study on Photocatalytic Activity of Anatase Rutile Titania Particles Isolated from Commercial Evonik P25	Kunlei Wang, Ewa Kowalska, Bunsho Ohtani	Hokkaido University	GP3211	04-Jun-2014, 17:40-19:40	P4/P5
Enhanced Photocatalytic and Antimicrobial Activity of Silver-Modified Titania	Baris Karabiyik, Maya Endo, Paulina Rokick, Agata Markowska-Szczupak, Bunsho Ohtani, Ewa Kowalska	Hokkaido University, Ulm University, West Pomerian University of Technology	GP3212	04-Jun-2014, 17:40-19:40	P4/P5
First-Principles Study on the Impact of Local Chemical Bonding on Band Gap and Band Edge Position of (Ga _{1-x} Zn _x)(N _{1-x} O _x) Solid Solution	Hiroki Kawai, Giacomo Giorgi, Koichi Yamashita	The University of Tokyo	GP3213	04-Jun-2014, 17:40-19:40	P4/P5
Development of Two-step Water-splitting Systems Employing Layered Niobate KCa ₂ Nb ₃ O ₁₀ and Its Derivatives	Hajime Suzuki, Masanobu Higashi, Ryu Abe	Kyoto University	GP3214	04-Jun-2014, 17:40-19:40	P4/P5