

Pre-conference: Sunday 10 July 2016

Time	Session	Speaker	Presentation Title
4.00-6.00pm	Registration <i>Civic Theatre Foyer</i>		
6.00-8.00pm	Welcome Reception <i>Newcastle Museum</i>		

Day 1: Monday 11 July 2016

Time	Session	Speaker	Presentation Title
7.30am	Registration <i>Civic Theatre Foyer</i>		
8.30-8.35	Opening Plenary Room: Civic Theatre	Welcome	
8.35-8.45			
8.45-9.00			
9.00-10.00	Plenary Speaker Room: Civic Theatre	Professor Johannes A. Lercher Department of Chemistry and Catalysis Research Center, Technische Universität München, Garching, Germany Institute for Integrated Catalysis, Pacific Northwest National Laboratory, Richland, WA, USA	Towards a zero-carbon footprint future – Linking fundamental science with practice
10.00-10.20	MORNING TEA		
10.20-12.40	Concurrent Session 1A Room: Hunter Room	10.20-11.00 Keynote: Professor Thomas Maschmeyer Laboratory of Advanced Catalysis for Sustainability, School of Chemistry & Australian Institute for Nanoscale Science and Technology, The University of Sydney	From Single-sites to Nanostructured Ensembles, the Continuum of Catalytic Sites, as Illustrated with Sustainable Hydrogen Production

<p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 11.00-11.20: <u>Dr Oleg Klimov</u> Boreskov Institute of Catalysis SB RAS 	<ul style="list-style-type: none"> Paper #230 - CoMo/Al₂O₃ hydrotreating catalysts of diesel fuel with improved hydrodenitrogenation activity
	<ul style="list-style-type: none"> 11.20-11.40: <u>A/Prof. Ahed Alfatesh</u>, Prof. Anis Fakeeha, Wasim Khan, DrAhmed Aidid, Prof.Ahmed Abasaheed King Saud University 	<ul style="list-style-type: none"> Paper #146 - Caesium and mixed potassium and sodium promoted Ni catalysts for dry reforming of methane
	<ul style="list-style-type: none"> 11.40-12.00: <u>Prof. Junjie Bian</u> Qi Zhang College of Chemistry and Chemical Engineering, Ocean University of China 	<ul style="list-style-type: none"> Paper #289 - Mesoporous Supported Iron Oxides Nanoparticles for Catalytic Deoxygenation Upgrading of Microalgae Hydrothermal Liquefaction Derived Bio-oil
	<ul style="list-style-type: none"> 12.00-12.20: <u>A/Prof. Qinghai Li</u> Mingyang Zhang, Qimeng Shen, Professor Yanguo Zhang, Professor Hairui Yang, Qing Liu, Dr Jun Huang Department of Thermal Engineering, Tsinghua University 	<ul style="list-style-type: none"> Paper # 40 - Experimental Study of Catalytic Combustion of Simulated Biomass Gasification Gas
	<ul style="list-style-type: none"> 12.20-12.40: <u>A/Prof. Supaporn Therdtianwong</u> Department of Chemical Engineering, King Mongkut's University of Technology Thonburi 	<ul style="list-style-type: none"> Paper # 380 - Glycerol Steam Reforming over Ni catalysts supported on sol-gel derived CeZrO₂/Al₂O₃ for H₂ Production: Effect of solvent type
<p>Concurrent Session 1B</p> <p>Room: Cummings Room</p> <p>Theme: 2. Emission control</p>	<ul style="list-style-type: none"> 10.20-10.40: <u>Emma Adams</u>, Prof. Magnus Skoglundh, Johan Nilsson, Dr Natalia Martin, Dr Giovanni Agostini, Dr Olivier Mathon, Dr Per-Anders Carlsson Competence Centre for Catalysis, Chalmers University of Technology 	<ul style="list-style-type: none"> Paper #77 - The chemistry of the palladium phase in Pd/Ce/Al₂O₃ during ammonia formation
	<ul style="list-style-type: none"> 10.40-11.00 	<ul style="list-style-type: none"> Paper #

		<ul style="list-style-type: none"> 11.00-11.20: <u>Prof. Jean Andino</u>, Selisa Rollins, Dr Jonathan Smuts, Pro. Ying Li Arizona State University 	<ul style="list-style-type: none"> Paper # 254- A GC-VUV Study of the Effects of NO on Carbon Dioxide Photoreduction
		<ul style="list-style-type: none"> 11.20-11.40: <u>David Berthout</u> IFP Energies Nouvelles 	<ul style="list-style-type: none"> Paper #105 - Experimental and modelling study of a commercial low temperature NOx adsorber for diesel engine
		<ul style="list-style-type: none"> 11.40-12.00: <u>Sandra Dahlin</u>, Dr Marita Nilsson, Dr Daniel Bäckström, Susanna Liljegren, Emelie Bengtsson, Prof. Steven Bernasek, Prof. Lars Pettersson Chemical Engineering and Technology, KTH Royal Institute of Technology 	<ul style="list-style-type: none"> Paper #162 - The effect of biodiesel-derived contaminants on Automotive SCR catalysts
		<ul style="list-style-type: none"> 12.00-12.20: <u>Prof. Hongxing Dai</u> College of Environmental and Energy Engineering, Beijing University of Technology 	<ul style="list-style-type: none"> Paper # 325 - Au–Pd–MOx/3DOM M'Oy (M = Cr, Mn, Fe, and Co; M' = Co, Mn, and Al) nanocatalysts: Highly active for the combustion of methane
		<ul style="list-style-type: none"> 12.20-12.40: <u>Jiyuan Fan</u>, Honglei Zhang, Prof. Aijun Duan, Prof. Zhen Zhao, Zesheng Xia China University of Petroleum-Beijing 	<ul style="list-style-type: none"> Paper # 357 - Synthesis of citric acid modified L/W composite and its application in FCC gasoline hydro-upgrading catalyst
	Concurrent Session 1C Room: Mulubinba Room Theme: 3. Indoor air cleaning	<ul style="list-style-type: none"> 10.20-10.40: <u>Prof. Taicheng An</u>, Dr Jiangyao Chen, Prof. Guiying Li School of Environmental Science and Engineering, Guangdong University of Technology 	<ul style="list-style-type: none"> Paper # 143 - Comparison of photocatalytic mechanism of gaseous xylene isomers under solar-light irradiation onto ZnIn2S4-ordered mesoporous silica composite with short-channels
		<ul style="list-style-type: none"> 10.40-11.00: <u>Prof. Anne Giroir-Fendler</u>, Prof. Yanglong GUO GUO, Dr Sonia Gil Villarino, Chao WANG WANG Institut de recherches sur la catalyse et l'environnement de Lyon 	<ul style="list-style-type: none"> Paper # 261 - Low-temperature catalytic oxidation of vinyl chloride emission over Ru modified Co3O4 catalysts

		<ul style="list-style-type: none"> 11.00-11.20: <u>Prof. Murid Hussain</u> COMSATS Institute of Information Technology 	<ul style="list-style-type: none"> Paper # 132 - Nanostructured TiO₂ catalyst for improved photocatalytic abatement of VOCs
		<ul style="list-style-type: none"> 11.20-11.40: <u>Prof. Jean-François Lamonier</u>, Dr Jean-Marc Giraudon, Dr Nicolas Nuns, Martine Trentesaux Université de Lille 	<ul style="list-style-type: none"> Paper #44 - Reaction of formaldehyde over birnessite catalyst: an in situ and combined XPS and ToF-SIMS study
		<ul style="list-style-type: none"> 11.40-12.00: <u>Prof. Antoni Morawski</u> West Pomeranian University of Technology, Institute of Chemical and Environment Engineering 	<ul style="list-style-type: none"> Paper # 49 - Photocatalytic removal of acetaldehyde from air on carbon modified TiO₂
		<ul style="list-style-type: none"> 12.00-12.20: <u>Prof. Zhenping Qu</u> Dalian University of Technology 	<ul style="list-style-type: none"> Paper # 387 - Unique Low-temperature Catalytic Activity of Nanosilver Catalyst for CO and HCHO Oxidation
		<ul style="list-style-type: none"> 12.20-12.40: <u>Dr Bingbing Chen</u>, Prof. Chuan Shi, Dalian University of Technology 	<ul style="list-style-type: none"> Paper # 174 - Gold stabilized on various supports catalyze the HCHO oxidation at room temperature
	Concurrent Session 1D Room: Newcastle Room Theme: 4 Water Treatment	<ul style="list-style-type: none"> 10.20-10.40: <u>Hana Ayadi</u> University of Lyon 	<ul style="list-style-type: none"> Paper # 194 - Noble-metal-free catalysts for the treatment of N-containing organic pollutants by Catalytic Wet Air Oxidation
		<ul style="list-style-type: none"> 10.40-11.00: <u>Prof. Hongbin Cao</u> Institute of Process Engineering, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 218 - Enhanced photocatalytic activity over doughnut-like porous g-C₃N₄ driven by down-shifted valance band maximum
		<ul style="list-style-type: none"> 11.00- 11.20: <u>Gregory Gibson</u>, Prof. Chris Hardacre, Prof. Wen-Feng Lin, Prof. Peijun Hu Queen's University Belfast 	<ul style="list-style-type: none"> Paper # 266 - Using Au-doped Ni/Sb-SnO₂ to model the formation of O₃ via water splitting: An in-depth study into how surface stability is affected by the presence of Gold atoms across the surface

		<ul style="list-style-type: none"> 11.20-11.40: <u>Martin Hantusch</u> University of Rostock 	<ul style="list-style-type: none"> Paper # 376 - Electronic properties of photocatalytic improved Degussa P25 titanium dioxide powder
		<ul style="list-style-type: none"> 11.40-12.00: <u>Dr Kyong-Hwan Chung</u>, Prof. Sang-Chul Jung, Sung-Jin Lee, Prof. Young-Kwon Park Suncheon National University 	<ul style="list-style-type: none"> Paper # 89 - Irradiation of Liquid Phase Plasma on the Photocatalytic Decomposition of Acetic Acid-contained Wastewater over Metal Oxide Photocatalysts
		<ul style="list-style-type: none"> 12.00-12.20: <u>A/Prof. Gwendoline Lafaye</u> Halima Sassi, Dr Hédi Ben Amor, Prof. Abdelaziz Gannouni, Prof. Mohamed Razak Jeday, Prof. Jacques Jr. Barbier University of Poitiers 	<ul style="list-style-type: none"> Paper # 258 - Catalytic Wet Air Oxidation of phenol over a Tunisian clay modified by Al and Fe
		<ul style="list-style-type: none"> 12.20-12.40: <u>Prof. Kuen-Song Lin</u>, Khanh Toan Dinh, Yu-Heng Huang Yuan Ze University 	<ul style="list-style-type: none"> Paper # 263 - Preparation and Characterization of V-loaded Titania Nanotubes for Adsorption/Photocatalysis of Dyes and Environmental Hormones Contaminated Wastewaters
12.40 – 1.40	LUNCH		
1.40-3.00	Concurrent Session 2A Room: Hunter Room Theme: 5. Green Engineering and Chemistry	1.40-2.20 Keynote: Distinguished Professor Suresh K. Bhargava Deputy Pro-Vice Chancellor (International Relations). Director, Centre for Advanced Materials and Industrial Chemistry (CAMIC). School of Sciences, RMIT University, Melbourne	An Innovative approach in catalysts and process design – Paradigm shift in Environmental Catalysis
		<ul style="list-style-type: none"> 2.20-2.40: <u>Prof. Junjiang Zhu</u> Shenyang Normal University 	<ul style="list-style-type: none"> Paper # 256 - Nitrogen Doped Carbon Xerogels Supported Palladium Catalysts for selective hydrogenation of 1,5-cyclooctadiene
		<ul style="list-style-type: none"> 2.40-3.00: <u>Prof. Michael Bowker</u> Cardiff University 	<ul style="list-style-type: none"> Paper # 161 - Photocatalytic reforming of methanol and triethanolamine: titania and graphitic carbon nitride compared.

<p>Concurrent Session 2B</p> <p>Room: Cummings Room</p> <p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 1.40-2.00: <u>Prof. Alfonso Caballero</u> University of Seville 	<ul style="list-style-type: none"> Paper #255 - A very stable and performance Ni/SBA-15 catalyst for hydrogen production
	<ul style="list-style-type: none"> 2.00-2.20: <u>Xiaojun Bao</u> China University of Petroleum 	<ul style="list-style-type: none"> Paper #330 - Preparation of tri-metallic WMoNi sulfide diesel ultra-deep hydrodesulfurization catalysts with enhanced synergetic effects using inorganic-organic hybrid nanocrystals as precursors
	<ul style="list-style-type: none"> 2.20-2.40: <u>Prof. Michael Bowker</u> Cardiff University 	<ul style="list-style-type: none"> Paper #160 - Methanol Synthesis from CO₂ + H₂ using sol-immobilised Pd on ZnO
	<ul style="list-style-type: none"> 2.40-3.00: <u>Prof. Alain Chaffee</u> Monash University 	<ul style="list-style-type: none"> Paper # 355 - Gas-phase conversion of CO₂ to methane using a MIL-140C(Ru) derived catalyst
<p>Concurrent Session 2C</p> <p>Room: Mulubinba Room</p> <p>Theme: 2. Emission control</p>	<ul style="list-style-type: none"> 1.40-2.00: <u>Dr Robert Bennett</u> CSIRO 	<ul style="list-style-type: none"> Paper # 350 - Carbon Capture Powered by Solar Energy
	<ul style="list-style-type: none"> 2.00-2.20: <u>Dr Canio Scarfiello</u>, Dr Maria Cristina Campa, Dr Daniela Pietrogiacomi, Dr Lea Roberta, Dr Manlio Sapienza University of Rome 	<ul style="list-style-type: none"> Paper #227 - CoO_x and FeO_x supported on ZrO₂ for the simultaneous abatement of NO and N₂O with C₃H₆
	<ul style="list-style-type: none"> 2.20-2.40: <u>Dr Huazhen Chang</u>, Prof. Junhua Li, Prof. Jiming Hao Renmin University of China 	<ul style="list-style-type: none"> Paper # 237- Design strategies of surface acidity-basicity for SCR catalysts for simultaneous removal of NO_x and HgO
	<ul style="list-style-type: none"> 2.40-3.00 Presenter: 	<ul style="list-style-type: none"> Paper #
<p>Concurrent Session 2D</p> <p>Room: Newcastle Room</p>	<ul style="list-style-type: none"> 1.40-2.00: <u>Prof. Qing Ye</u> Beijing University of Technology 	<ul style="list-style-type: none"> Paper # 393 - High Catalytic Activity of Au Nanoparticles Supported on 3D Ordered Mesoporous b-MnO₂ Catalysts for Catalytic Oxidation of Benzene and CO
	<ul style="list-style-type: none"> 2.00-2.20: <u>Prof. Lucjan Chmielarz</u> Jagiellonian University 	<ul style="list-style-type: none"> Paper #119 - Micro-mesoporous ZSM-5 obtained by mesotemplate-free method as efficient catalyst for synthesis of DME from methanol

	Theme:5. Green Engineering and Chemistry	<ul style="list-style-type: none"> 2.20- 2.40: <u>Prof. Israf Ud Din</u> Universiti Teknologi PETRONAS 2.40-3.00: <u>Alexandre Samuel Dumon</u> Ecole Normale Supérieure de Lyon 	<ul style="list-style-type: none"> Paper # 152 - Influence of copper content on the physicochemical and reactivity pattern of carbon nanofibers based copper /zirconia catalysts for carbon dioxide hydrogenation to methanol Paper # 76- H-transfer processes: Why the chemical environment DOES matter
	Concurrent Session 2E Room: Waratah Room Theme: 2. Emission control	<ul style="list-style-type: none"> 1.40-2.00: <u>Prof. Christophe Dujardin</u> Université de Lille 2.00-2.20: <u>Adj. Prof. Galen B. Fisher</u>, Amin Reihani, John W. Hoard, Dr Joseph R. Theis, Dr Christine K. Lambert, Dr Evgeny Smirnov, Dirk Roemer University of Michigan 2.20-2.40: <u>Vincent Frizon</u> Institut de Recherches sur la Catalyse et l'Environnement de Lyon 2.40-3.00: <u>Prof. MingLi Fu</u> South China University of Technology 	<ul style="list-style-type: none"> Paper # 116 - Development of a multi-site kinetic model for NOx storage and NO oxidation on Fe-BEA SCR catalyst based on operando IR spectroscopic measurements Paper #332 - Rapidly Pulsed Reductants in Diesel NOx Reduction with Lean NOx Traps: Effects of Pulsing Frequency on Performance Paper #201 - Pr-doped ceria catalysts for automotive oxidation catalysis Paper #188 - The Key Surface Species and Oxygen Vacancies in MnOx(0.4)-CeO2 towards Repeated Soot Oxidation
3.00-3.20	AFTERNOON TEA		
3.20-5.00	Concurrent Session 3A Room: Hunter Room Theme: 1. Sustainable and clean energy production	<p>3.20-4.00 Keynote: Professor Moti Herskowitz</p> <p>Director, Blechner Center for Industrial Catalysis & Process Development</p> <ul style="list-style-type: none"> 4.00-4.20: <u>Yumika Kudo</u>, Atsushi Okemoto, Kensuke Kishishita, Sho Maeda, Prof. Takafumi Horie, Prof. Keita Taniya, Prof. Yuichi Ichihashi, Prof. Satoru Nishiyama 	<p>Eco-friendly catalytic processes for production of renewable and fungible liquid fluids and chemicals</p> <ul style="list-style-type: none"> Paper # 165 - Photocatalytic Water Decomposition over Organic Semiconductor Thin film

		Kobe University	
		<ul style="list-style-type: none"> 4.20-4.40: <u>Yasuhiro Horie</u>, Naoki Furumoto, Ryo Fujita, Atsushi Okemoto, Prof. Keita Taniya, Prof. Yuichi Ichihashi, Prof. Satoru Nishiyama <p>Kobe University</p>	<ul style="list-style-type: none"> Paper # 179 - Formation process of the precursor of Cu-ZnO-Al₂O₃ catalysts for water gas shift reaction
		<ul style="list-style-type: none"> 4.40-5.00: Yusuke Isaka, Prof. Tomoyoshi Suenobu, Prof. Shunichi Fukuzumi, Kohei Oyama, Prof. Yusuke Yamada <p>Osaka University</p>	<ul style="list-style-type: none"> Paper # 166 - Photocatalytic Production of Hydrogen Peroxide by Combination of Selective Dioxygen Reduction and Water Oxidation with Heterogeneous Catalysts Bearing Controlled Nanostructures
	Concurrent Session 3B	<ul style="list-style-type: none"> 3.20-3.40: <u>Dr Torstein Fjermestad</u> <p>Agency for Science, Technology and Research (A*STAR)</p>	<ul style="list-style-type: none"> Paper #207 - Reactivity trends of model oxidation reactions at the vanadium phosphate (VPO) catalyst
	Room: Cummings Room	<ul style="list-style-type: none"> 3.40-4.00: <u>Prof. Yanglong Guo</u> <p>East China University of Science and Technology</p>	<ul style="list-style-type: none"> Paper # 158 - A highly efficient catalyst of Cu-K-Sm/γ-Al₂O₃ for Deacon reaction
	Theme: 5. Green Engineering and Chemistry	<ul style="list-style-type: none"> 4.00-4.20: <u>Prof. Yun Hu</u> <p>South China University of Technology</p>	<ul style="list-style-type: none"> Paper #375 - In situ synthesis of g-C₃N₄ based nanocomposites with enhanced photocatalytic activities for DBP and NO_x removal
		<ul style="list-style-type: none"> 4.20-4.40: <u>Johann Kirchner</u>, Prof. Sven Kureti <p>Technical University of Freiberg</p>	<ul style="list-style-type: none"> Paper # 75 - Structure-activity relation of Fe based catalysts for CO₂ methanation

		<ul style="list-style-type: none"> 4.40-5.00: <u>Dr Nitin Kumar</u>, Prof. James Spivey, Dr Dushyant Shekhawat, Dr Daniel Haynes <p>Louisiana State University</p>	<ul style="list-style-type: none"> Paper # 87 - Methane reforming over Ni-based pyrochlore catalyst: Carbon deposition studies
Concurrent Session 3C Room: Mulubinba Room Theme: 2. Emission control	<ul style="list-style-type: none"> 3.20-3.40: <u>Jonas Granstrand</u>, Susanna Liljegren, Dr Marita Nilsson, Prof. Steven Bernasek, Prof. Lars Pettersson <p>KTH Royal Institute of Technology</p>	<ul style="list-style-type: none"> Paper # 113 - Oxidation state changes during catalytic oxidation on Pt/Al₂O₃ as observed by in-situ near ambient pressure XPS 	
	<ul style="list-style-type: none"> 3.40-4.00: <u>Christoph Hahn</u> <p>TU Freiberg - Institute of Energy Process Engineering and Chemical Engineering</p>	<ul style="list-style-type: none"> Paper # 8 - Kinetic modelling of the NO_x reduction by H₂ on Pt/WO₃/ZrO₂ catalyst in excess of O₂ 	
	<ul style="list-style-type: none"> 4.00-4.20: <u>Prof. Hanna Härelind</u>, Dr Marika Männikkö, Xueting Wang, Linda Ström, Dr Fredrik Gunnarsson, Prof. Magnus Skoglundh <p>Chalmers University of Technology</p>	<ul style="list-style-type: none"> Paper # 69 - Active sites and reaction paths for lean NO_x reduction over silver alumina 	
	<ul style="list-style-type: none"> 4.20-4.40: <u>Dr Saburo Hosokawa</u>, Takuya Shibano, Ryohei Tada, Dr Kentaro Teramura, Prof. Tsunehiro Tanaka <p>Kyoto University</p>	<ul style="list-style-type: none"> Paper # 180 - Selective reduction of NO over Mn-modified hexagonal YbFeO₃ 	
	<ul style="list-style-type: none"> 4.40-5.00: <u>Prof. Haibao Huang</u> <p>Sun Yat-Sen University</p>	<ul style="list-style-type: none"> Paper # 84 - Efficient catalytic oxidation of gaseous benzene over Mn/TiO₂/ZSM-5 under vacuum UV irradiation 	
Concurrent Session 3D Room: Newcastle Room	<ul style="list-style-type: none"> 3.20-3.40: <u>Dr Kirsten Leistner</u>, Dr Ashok Kumar, Dr Krishna Kamasamudram, Prof. Louise Olsson <p>Chalmers University of Technology</p>	<ul style="list-style-type: none"> Paper #102 - Mechanistic Study of Hydrothermally Aged Cu/SSZ-13 Catalysts for Ammonia Selective Catalytic Reduction (NH₃-SCR) 	

Theme: 2. Emission control	<ul style="list-style-type: none"> 3.40-4.00: <u>Dr Jerry Pui Ho Li</u>, Prof. Yong Yang ShanghaiTech University 	<ul style="list-style-type: none"> Paper # 97 - Evaluation of the Au-Ti Catalytic Sites with CO Oxidation: Characterization of Catalytic Sites over Au/TiO₂ Catalysts using Temperature Programmed Reaction Spectroscopy (TPRS)
	<ul style="list-style-type: none"> 4.00-4.20: <u>Dr Olivier Marie</u>, Dr Sandra Palma del Valle, Dr Hai Nguyen Université Caen Basse Normandie 	<ul style="list-style-type: none"> Paper #320 - Effect of support material Al₂O₃ vs ZrO₂-TiO₂ on the Ba availability for NSR catalyst: an in situ and operando IR study
	<ul style="list-style-type: none"> 4.20-4.40: <u>Kazuya Miura</u>, Fumikazu Kimata, Dr Ryo Watanabe, Prof. Choji Fukuhara Shizuoka University / Suzuki Motor Corporation 	<ul style="list-style-type: none"> Paper # 92 - Physicochemical study of various precious metal catalysts for HC-SCR reaction under oxygen-excessive condition
	<ul style="list-style-type: none"> 4.40-5.00: <u>Prof. Johannes W. Schwank</u>, Jason A. Lupescu, Prof. Galen B. Fisher, Jon Hangas, Dr Sabrina L. Peczonczyk University of Michigan 	<ul style="list-style-type: none"> Paper #85 - Aging Environment and Lean Redispersion Effects on Pd Catalysts
Concurrent Session 3E Room: Waratah Room Theme: 2. Emission control	<ul style="list-style-type: none"> 3.20-3.40: <u>Prof. Ruifeng Li</u> Taiyuan University of Technology 	<ul style="list-style-type: none"> Paper # 245 - Location and catalytic effects of Co ions in zeolite frameworks in NO-SCR with CH₄
	<ul style="list-style-type: none"> 3.40-4.00: <u>Dr Jesus Manuel Garcia Vargas</u>, Dr Reine Sayah, Dr Sonia Gil, Laurence Retailleau-Mevel, Dr Laurent Veyre, Dr Chloe Thieuleux, Prof. Anne Giroir-Fendler Université Lyon 	<ul style="list-style-type: none"> Paper # 238 - Pd/Rh catalysts for the abatement of car emissions pollutants
	<ul style="list-style-type: none"> 4.00-4.20: <u>Dr Jean-marc Giraudon</u>, Sharmin Sultana, Prof. Jean-François Lamonier, Prof. Nathalie De Geyter, Prof. Rino Morent Université de Lille 	<ul style="list-style-type: none"> Paper # 78 - Synthesis and catalytic performances of K-OMS-2, Fe₃O₄/K-OMS-2 and Fe-K-OMS-2 in post plasma-catalysis for dilute TCE abatement

		<ul style="list-style-type: none"> 4.20-4.40: <u>Prof. Anne Giroir-Fendler</u> Lyon 1 University 	<ul style="list-style-type: none"> Paper # 370 - Highly active and stable Ru/K-OMS-2 for NO oxidation
		<ul style="list-style-type: none"> 4.40-5.00: <u>A.Prof. Lars Grabow, Yuying Song, Dr Hieu Doan, Prof. William Epling</u> University of Houston 	<ul style="list-style-type: none"> Paper # 168 - Diesel Oxidation Catalysts with Improved Low Temperature Activity Identified from Computational Screening
5.00 – 6.00	Poster Session 1 Room: Concert Hall	Theme: 2. Emission control # 9 – Christoph Hahn # 20 – Dr Wenpo Shan # 21 – Yang Geng # 31 – Dr Xiaojiang Yao # 41 – Prof. Suk Bong Hong # 50 – Prof. Bill Epling # 51 – A/Prof. Masaaki Haneda # 54 – Dr Olivier Marie # 56 – Dr Zdenek Sobalik # 62 – Prof. Lucjan Chmielarz # 64 – Prof. Lucjan Chmielarz # 73 – Prof. Lucjan Chmielarz # 79 – Dr Jean-Marc Giraudon # 110 – Kakuya Ueda # 114 – Prof. Bill Epling # 115 – Prof. Christophe Dujardin # 120 – Prof. Piyasan Praserttham # 124 – Prof. Moon Hyeon Kim # 131 – Yinghong Wu # 137 – Dr Yongming Luo # 141 – Prof. Do Heui Kim # 145 – Dr Yinnian Liao # 156 – Prof. Junhua Li # 167 – Prof. Zhen Zhao # 170 – Kazuya Matsuki # 172 – Prof. Chuan Shi # 178 – Yong Liao # 210 – Prof. Isabella Nova # 215 – Yong Liao	Theme: 4. Water Treatment # 24 – Sun Wenjing # 53 – Prof. Albin Pintar # 65 – Dr Amir Shafeeq # 66 – Dr Hafiz Muhammad Anwaar # 68 – Dr Syed Nadir Hussain # 125 – Chenmin Xu # 126 – Pengxiang Qiu # 147 – Dr. Huifang Xie # 150 – Dr Mengqi Zhao # 153 – Xinbai Jiang # 169 – Prof. Chen-Bin Wang # 205 – Prof. Yanfeng Zhang # 272 – Dr. Shamaila Sajjad # 273 – Dr Sajjad Ahmed Khan Ieghari # 282 – Dr Xia Lou # 311 – Prof. Yi Dan # 395 – Prof. Fengyun Wang # 397 – Prof. Fengyun Wang

		# 221 – Masakuni Ozawa # 227 – Dr Maria Cristina Campa # 247 – Radim Pilar # 253 – Prof. Kuen-Song Lin # 322 – Dr Eleni Kyriakidou # 326 – Hongxing Dai # 338 – Dr Xing Hunag # 339 – Ma Kaili # 345 – Dr Wenhuan Wang # 346 – Dr Wenhuan Wang # 349 – Hadi HosseiniAmoli # 360 – Prof. Aijun Duan # 362 – Prof. Aijun Duan # 368 – Prof. Yujun Zhu # 386 – Prof. Zhenping Qu # 399 – Baiying Xing # 406 – Seung-Tae Yang	
7.00-9.00	Restaurant Night Various Locations		
7.00-9.00	IAB Meeting Customs House Hotel		

Day 2: Tuesday 12 July 2016

Time	Session	Speaker/s	Presentation
8.00am	Registration		
8.30-8.35	Welcome to Day 2 Room: Civic Theatre	Welcome	
8.35-9.35	Plenary Speaker Room: Civic Theatre	Distinguished Professor Maria Flytzani-Stephanopoulos Robert and Marcy Haber Endowed Professor in Energy Sustainability, Department of Chemical and Biological Engineering, Tufts University	Heterogeneous catalysis at the single-atom limit
9.35 – 10.00	MORNING TEA		
10.00-10.40	Concurrent Session 4A Room: Hunter Room Theme: 1. Sustainable and clean energy production	<ul style="list-style-type: none"> 10.00-10.20: <u>Prof. Michael Bowker</u> Cardiff University 	<ul style="list-style-type: none"> Paper #160 - Methanol Synthesis from CO₂ + H₂ using sol-immobilised Pd on ZnO
		<ul style="list-style-type: none"> 10.20-10.40: Radosław Debek, Dr Monika Motak, Dr Elena Galvez, Prof. Teresa Grzybek, Prof. Patrick Da Costa AGH University of Science and Technology and Sorbonne Universités 	<ul style="list-style-type: none"> Paper # 81 - Promotion effect of zirconia on Ni/Mg/Al mixed oxides derived from hydrotalcites in CO₂ reforming of methane
	Concurrent Session 4B Room: Cummings Room Theme 2. Emission control	<ul style="list-style-type: none"> 10.00-10.20: <u>Prof. Lucjan Chmielarz</u> Jagiellonian University 	<ul style="list-style-type: none"> Paper # 63 - The influence of iron speciation on catalytic performance of Fe-BEA catalysts in DeNO_x process – studies of the reaction mechanism
		<ul style="list-style-type: none"> 10.20-10.40: <u>Prof. Sung June Cho</u>, Prof. Do Heui Kim Chonnam National University 	<ul style="list-style-type: none"> Paper # 58 - V supported microporous TiO₂ catalyst for the reduction of N₂O emission from NH₃ SCR

	Concurrent Session 4C Room: Mulubinba Room Theme: 5. Green Engineering and Chemistry	<ul style="list-style-type: none"> 10.00-10.20: <u>Prof. Haiyan Liu</u> China University of Petroleum 	<ul style="list-style-type: none"> Paper # 337 - Enhancing the thioetherification activity of supported NiFe catalysts for mercaptan removal via element modification of alumina
		<ul style="list-style-type: none"> 10.20-10.40: <u>Harish N</u>, Dr Nagaraju N Catalysis research laboratory, Department of chemistry, St.Joseph's college PG and research centre 	<ul style="list-style-type: none"> Paper # 243 - Environmentally benign method for the synthesis of industrially important biphenyl urea using ecofriendly AlPO₄ catalysts
	Concurrent Session 4D Room: Newcastle Room Theme 2. Emission control	<ul style="list-style-type: none"> 10.00-10.20: <u>Prof. Masaru Ogura</u> The University of Tokyo 	<ul style="list-style-type: none"> Paper # 314 - Temperature-swing method for NO direct decomposition using microwave and zeolitic NO selective adsorbent
		<ul style="list-style-type: none"> 10.20-10.40: <u>Prof. Masakuni Ozawa</u> Nagoya University 	<ul style="list-style-type: none"> Paper # 220 - Oxygen storage capacity of new type ceria zirconia support and three way catalysis of supported platinum catalyst
	Concurrent Session 4E Room: Waratah Room Theme: 4. Water treatment	<ul style="list-style-type: none"> 10.00-10.20: <u>Assoc. Prof. Yongbing Xie</u> Institute of Process Engineering, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 212 - Insights into the potential of 0-2D nanocarbons in visible light-O₃ integrated process for metal-free water decontamination
		<ul style="list-style-type: none"> 10.20-10.40: <u>Dr Zequan Zeng</u>, Dr Yaopin Guo, Dr Yulin Li, Jieyang Yang, Dr Zhanggen Huang State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese of Academy of Sciences 	<ul style="list-style-type: none"> Paper # 138 - Catalytic oxidation of 4-chlorophenol with persulfate activated by in-situ Sulfur-doped carbon
10.40-12.40	Concurrent Session 5A Room: Hunter Room Theme: 1. Sustainable and clean energy production	10.40-11.20 Keynote: Professor Hiromi Yamashita Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University	Design of Plasmonic Catalysts for Efficient H₂ Production from Hydrogen Storage Molecules
		<ul style="list-style-type: none"> 11.20-11.40: <u>Dr Agata Lamacz</u> Wroclaw University of Technology 	<ul style="list-style-type: none"> Paper # 270 - Methane to H₂ and CNTs conversion over Ni/CeZrO₂. A mechanistic study and catalyst regeneration with H₂ formation

		<ul style="list-style-type: none"> 11.40-12.00: <u>Dr Xiaobo Li</u>, Prof. Thomas Maschmeyer, Edwin Clatworthy, Prof. Anthony Masters The University of Sydney 	<ul style="list-style-type: none"> Paper # 304 - Molecular Cobalt Clusters as Precursors of Active Species in Electrochemical, Photochemical, and Photoelectrochemical Water Oxidation Reactions
		<ul style="list-style-type: none"> 12.00-12.20: <u>Dr Elsie Alessandra Quadrelli</u> CNRS CPE Lyon University, Lyon 1 	<ul style="list-style-type: none"> Paper # 12 Photocatalytic CO₂ Reduction Utilizing MOF-anchored Cp*Rh-based Catalysts
		<ul style="list-style-type: none"> 12.20-12.40: <u>Subramanian Moscow</u>, Dr Kandasamy Jothivenkatachalam Anna University, BIT Campus 	<ul style="list-style-type: none"> Paper # 123 - The heterostructured Pd, Ag doped BiVO₄ and their improved Photoelectrochemical Water Splitting Performance
	<p>Concurrent Session 5B</p> <p>Room: Cummings Room</p> <p>Theme 2. Emission control</p>	<ul style="list-style-type: none"> 10.40-11.00: <u>Prof. Christophe Dujardin</u>, Dr Anke Schoen, Dr Jean-philippe Dacquin, Prof. Pascal Granger University of Lille 	<ul style="list-style-type: none"> Paper # 268 - Perovskite-based catalysts as alternative to commercial Three-Way-Catalysts? – Impact of Cu and Ca doping and optimization of surface properties
		<ul style="list-style-type: none"> 11.00-11.20: <u>Johanna Englund</u>, Prof. Magnus Skoglundh, Dr Per-Anders Carlsson Competence Centre for Catalysis, Chalmers University of Technology 	<ul style="list-style-type: none"> Paper # 213 - Impact of palladium distribution in alumina on low-temperature oxidation of carbon monoxide
		<ul style="list-style-type: none"> 11.20-11.40: <u>Prof. Bill Epling</u>, Yasser Jangjou, Dr Junhui Li, Dr Ashok Kumar, Dr Di Wang University of Houston 	<ul style="list-style-type: none"> Paper # 27 - Sulfur poisoning of the selective catalyst reduction (SCR) and NH₃ oxidation reactions over Cu/SAPO-34 and CU/SSZ-13
		<ul style="list-style-type: none"> 11.40-12.00: <u>Géraldine Ferre</u>, Sébastien Grenier, Dr Alexandre Westermann, Dr Julien Couble, Dr Françoise Bosselet, Dr Stephane Loridant, Dr Christophe Geantet, Dr Philippe Vernoux 	<ul style="list-style-type: none"> Paper # 108 - Characterization of the reductibility of Zr and Pr-doped Ceria

		Institute de Recherches sur la Catalyse et l'Environnement de Lyon (IRCELYON)	
		<ul style="list-style-type: none"> • 12.00-12.20 Presenter: • 12.20-12.40 Presenter: 	
Concurrent Session 5C Room: Mulubinba Room Theme: 5. Green Engineering and Chemistry	<ul style="list-style-type: none"> • 10.40-11.00: <u>Prof. Mannepalli Lakshmi Kantam</u> <p>Department of Chemical Engineering, Institute of Chemical Technology</p>	<ul style="list-style-type: none"> • Paper # 192 - Oxidative coupling of carboxylic acids using transition metal hydrotalcite catalysts 	
	<ul style="list-style-type: none"> • 11.00-11.20: <u>Bhairi Lakshminarayana</u>, Dr L Mahendar, Dr G Satyanarayana, Dr Ch Subrahmanyam <p>IIT Hyderabad</p>	<ul style="list-style-type: none"> • Paper # 184 - Nano sized Recyclable PdO Supported carbon nanostructures for Heck Olefination of Aryl halide Reaction: Influence of carbon materials 	
	<ul style="list-style-type: none"> • 11.20-11.40: <u>Prof. Kuen-Song Lin</u>, Pei-Ju Hsu, Chao-Lung Chiang <p>Department of Chemical Engineering and Materials Science, Yuan Ze University</p>	<ul style="list-style-type: none"> • Paper # 257 - Magnetic Separation and Recycling of Ferrite Nanocatalysts for CO2 Decomposition with Methane Recovery from Steel Industrial Flyash 	
	<ul style="list-style-type: none"> • 11.40-12.00: <u>Huajuan Ling</u>, Yongwen Tao <p>University of Sydney</p>	<ul style="list-style-type: none"> • Paper # 364 - Improve Selective Oxidation of Benzyl Alcohol via Ionic Effects from Support to Pt nanocatalysts 	
	<ul style="list-style-type: none"> • 12.00-12.20: <u>Luke Harvey</u>, Prof. Eric Kennedy, A/Prof. Michael Stockenhuber <p>University of Newcastle</p>	<ul style="list-style-type: none"> • Paper # 383 - Evidence for the Presence of a Highly Stable Titanium-Peroxo Species Formed in TS-1: An in-situ FTIR Study 	
	<ul style="list-style-type: none"> • 12.20-12.40: <u>A/Prof. Keita Taniya</u>, Ryota Mori, Atsushi Okemoto, A/Prof. Takafumi Horie, A/Prof. Yuichi Ichihashi, Prof. Satoru Nishiyama <p>Kobe University</p>	<ul style="list-style-type: none"> • Paper # 101 - Role of Al³⁺ in β-zeolites for Baeyer-Villiger oxidation of cyclic ketones by using H₂O₂ as an environment-friendly oxidant 	

<p>Concurrent Session 5D</p> <p>Room: Newcastle Room</p> <p>Theme 2. Emission control</p>	<ul style="list-style-type: none"> 10.40-11.00: <u>Kuan Lun Pan</u> National Central University 	<ul style="list-style-type: none"> Paper # 208 - Catalytic removal of toluene from gas streams by double perovskite-type catalyst
	<ul style="list-style-type: none"> 11.00-11.20: <u>Dr Peng Ruosi</u> South China University of Technology 	<ul style="list-style-type: none"> Paper # 135 - Morphology effect of Pt/CeO₂ catalysts for the catalytic oxidation of toluene and the role of surface oxygen vacancy
	<ul style="list-style-type: none"> 11.20-11.40: <u>Prof. Atsushi Satsuma</u>, Toshihiro Maruo, Dr Junya Ohyama Graduate School of Engineering, Nagoya University 	<ul style="list-style-type: none"> Paper # 88 - In-situ UV-Vis study on dynamics of Cu species in Cu-MFI under NH₃-SCR
	<ul style="list-style-type: none"> 11.40-12.00: <u>Dr Petr Sazama</u> J Heyrovsky Institute of Physical Chemistry of the ASCR 	<ul style="list-style-type: none"> Paper # 222 - Remarkably enhanced density and specific activity of active sites in Al-rich Cu-, Fe- and Co-beta zeolites for selective catalytic reduction of NO_x
	<ul style="list-style-type: none"> 12.00-12.20: <u>Baofang Jin</u>, Prof. Zhen Zhao, Prof. Yuechang Wei, Yazhao Li, Prof. Jian Liu China University of Petroleum (Beijing) 	<ul style="list-style-type: none"> Paper # 341 - The effect of CeO₂ loading amount on the catalytic activity of Au/x-CeO₂/Al₂O₃ catalysts for soot combustion under loose contact condition
	<ul style="list-style-type: none"> 12.20-12.40: <u>Prof. Zhiming Liu</u> Beijing University of Chemical Technology 	<ul style="list-style-type: none"> Paper # 151 - Selective catalytic reduction of NO_x with NH₃ over novel Cr/W/Zr catalyst
<p>Concurrent Session 5E</p> <p>Room: Waratah Room</p> <p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 10.40-11.00: <u>Radosław Debek</u>, Dr Monika Motak, Dr Elena Galvez, Dr Teresa Grzybek, Prof. Patrick Da Costa AGH University of Science and Technology 	<ul style="list-style-type: none"> Paper # 80 - Hydrotalcite-derived Ni(Mg,Al)O mixed oxides as a catalysts for dry methane reforming reaction – effect of Ni content
	<ul style="list-style-type: none"> 11.00-11.20: <u>Vahid Shadravan</u>, Prof. Eric Kennedy, A/Prof. Michael Stockenhuber University of Newcastle 	<ul style="list-style-type: none"> Paper # 378 - CO and CO₂ methanation in the presence of light alkanes and alkenes over transition metal-Ni alumina supported bi-metallic catalysts

		<ul style="list-style-type: none"> 11.20- 11.40: <u>Yuhai Sun</u>, Dr Limin Chen, Yunfeng Bao, Guannan Wang, Yujun Zhang, Dr Mingli Fu, Dr Junliang Wu, Prof. Daiqi Ye <p>South China University of Technology</p>	<ul style="list-style-type: none"> Paper # 154 - Roles of Nitrogen Species on Nitrogen-doped CNTs Supported Cu/ZrO₂ System for Carbon Dioxide Hydrogenation to Methanol Paper
		<ul style="list-style-type: none"> 11.40-12.00: <u>Prof. Zhimin Ao</u> <p>Guangdong University of Technology</p>	<ul style="list-style-type: none"> Paper # 297 - Electric field: A promising catalyst for atomic hydrogen storage on graphene Paper
		<ul style="list-style-type: none"> 12.00-12.20: <u>Prof. Ben Teng</u> <p>Jilin University</p>	<ul style="list-style-type: none"> # 398 - Preparation and carbonization of novel charged porous organic frameworks
12.40-1.40	LUNCH		
1.40-3.00	Concurrent Session 6A Room: Hunter Room Theme 2. Emission control	<ul style="list-style-type: none"> 1.40-2.00: <u>Prof. Zhanggen Huang</u> <p>Institute of Coal Chemistry, Chinese Academy of Sciences</p>	<ul style="list-style-type: none"> Paper # 133 - Effect of oxygen functional groups on activated carbon for selective catalytic reduction of NO with NH₃
		<ul style="list-style-type: none"> 2.00-2.20: <u>Prof. Do Heui Kim</u> <p>Seoul National University</p>	<ul style="list-style-type: none"> Paper # 142 - Low temperature NO adsorption over Pd supported on Ce-based and zeolite catalysts for cold start application
		<ul style="list-style-type: none"> 2.20-2.40: <u>Dr Todd Toops</u>, Dr Eleni Kyriakidou, Dr Jae-Soon Choi, Dr James Parks <p>Oak Ridge National Laboratory</p>	<ul style="list-style-type: none"> Paper # 291 - A comparative study of ZSM-5 and BEA-Zeolites for hydrocarbon trap applications under “cold-start” conditions
		<ul style="list-style-type: none"> 2.40-3.00: <u>Prof. Xingang Li</u>, Shujing Chai <p>Tianjin University</p>	<ul style="list-style-type: none"> Paper # 100 - Improved performance of catalytic CO oxidation over the SnO₂/ Al₂O₃ catalyst
	Concurrent Session 6B Room: Cummings Room	<ul style="list-style-type: none"> 1.40-2.00: <u>Zhenghua Li</u>, Chengbin Li, Gyoung Hee Hong, Prof. Ji Man Kim <p>Department of Chemistry, Sungkyunkwan University</p>	<ul style="list-style-type: none"> Paper # 42 - Oxidative Desulfurization of Dibenzothiophene over WO_x catalysts supported on highly ordered mesoporous SnO₂, CeO₂ and Co₃O₄

<p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 2.00-2.20: <u>Omid Mowla</u> University of Newcastle 	<ul style="list-style-type: none"> Paper # 315 - Impact of external and internal diffusion on soybean oil hydroesterification over BEA zeolit
	<ul style="list-style-type: none"> 2.20-2.40: <u>Ksenia Nadeina</u> Boreskov Institute of Catalysis SB RAS 	<ul style="list-style-type: none"> Paper # 239 - Amorphous silica-alumina – perspective supports for selective hydrotreating of FCC gasoline
	<ul style="list-style-type: none"> 2.40-3.00: <u>Dr Yijiao Jiang</u> Macquarie University 	<ul style="list-style-type: none"> Paper # 344 - Analysis of the promoted activity and molecular mechanisms of H₂ production on metal-TiO₂ photocatalysis
<p>Concurrent Session 6C</p> <p>Room: Mulubinba Room</p> <p>Theme: 5. Green Engineering and Chemistry</p>	<p>1.40-2.20 Keynote: Muxina Konarova</p> <p>Australian Institute of Bioengineering and Nanotechnology The University of Queensland</p>	<p>Multi-scale catalyst engineering for sustainable production of fuels and chemicals</p>
	<ul style="list-style-type: none"> 2.20-2.40: <u>Prof. Virendra Rathod</u> Institute of Chemical Technology 	<ul style="list-style-type: none"> Paper # 248 - Use of enzyme from orange peel as a biocatalyst in solvent free system for synthesis of Linallyl acetate
	<ul style="list-style-type: none"> 2.40-3.00: <u>Takuro Sasaki</u>, Prof. Nobuyuki Ichikuni, Prof. Takayoshi Hara, Prof. Shogo Shimazu Chiba University 	<ul style="list-style-type: none"> Paper # 191 - Study on the promoting effect of nickel silicate for 1-phenylethanol oxidation on supported NiO nanocluster catalysts
<p>Concurrent Session 6D</p> <p>Room: Newcastle Room</p> <p>Theme: 2. Emission control</p>	<ul style="list-style-type: none"> 1.40-2.00: <u>Dominik Seeburg</u> Leibniz Institut für Kaatalyse e.V 	<ul style="list-style-type: none"> Paper # 233 - Supports with Advanced Redoxactivities Improve the Pd Catalyzed Methane Combustion
	<ul style="list-style-type: none"> 2.00-2.20: <u>Adrien Serve</u>, Dr Fabrizio Puleo, Dr Leonarda Francesca Liotta, Dr Valeria La Parola, Prof. Anne Giroir-Fendler, Dr Alexandre Westermann, Dr Philippe Vernoux Institute de Recherches sur la Catalyse et l'Environnement de Lyon (IRCELYON) 	<ul style="list-style-type: none"> Paper #290 -Co₃O₄-CeO₂-CuO mixed oxide catalysts for diesel soot oxidation: Co₃O₄ content effect

		<ul style="list-style-type: none"> 2.20-2.40: <u>Dr Todd Toops</u> Oak Ridge National Laboratory 	<ul style="list-style-type: none"> Paper # 381 - Impact of Metal Impurities Present in Biodiesel on Catalyst Durability
		<ul style="list-style-type: none"> 2.40-3.00: <u>Dr Aleksey Vedyagin</u>, Dr Alexander Volodin, Dr Roman Kenzhin, Dr Vladimir Stoyanovskii, Dr Vladimir Rogov, Dr Vladimir Kriventsov, Dr Ilya Mishakov Boreskov Institute of Catalysis and National Resreach Tomsk Polytechnic University 	<ul style="list-style-type: none"> Paper #183 - The Role of Chemisorbed Water in Formation and Stabilization of Active Sites on Pd/Alumina Oxidation Catalysts
	<p>Concurrent Session 6E</p> <p>Room: Waratah Room</p> <p>Theme: 2. Emission control</p>	<ul style="list-style-type: none"> 1.40-2.00: <u>Guangyan Xu</u> Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 356 - The effect of H₂O on H₂-C₃H₆-SCR of NO_x over Ag/Al₂O₃ catalyst
		<ul style="list-style-type: none"> 2.00-2.20: <u>Dr Jia Yang</u>, Dr Rune Lødeng, Prof. Hilde Venvik Sintef Materials and Chemistry 	<ul style="list-style-type: none"> Paper # 244 - Co and Ni spinel catalysts for low temperature methane total oxidation
		<ul style="list-style-type: none"> 2.20-2.40: <u>Dr Yang Yang</u> Institute of Process Engineering, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 348 - Promotional effect of Cl-doped V₂O₅TiO₂ catalyst for elemental mercury oxidation
		<ul style="list-style-type: none"> 2.40-3.00: <u>Dr Changbin Zhang</u> Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 317 - Insights into the Exceptional Photocatalytic Activity of Fluorinated TiO₂ with Exposed (0 0 1) Facets: High Hole-availability by Water
3.00 – 3.20	AFTERNOON TEA		
3.20 – 5.00	<p>Concurrent Session 7A</p> <p>Room: Hunter Room</p>	<ul style="list-style-type: none"> 3.20-3.40: <u>Chengbin Li</u>, Zhenghua Li, Gyoung Hee Hong, Hye Jin Cho, Prof. Ji Man Kim Department of Chemistry, Sungkyunkwan University 	<ul style="list-style-type: none"> Paper # 43 - Ordered mesoporous Cu-Mn-Ce ternary catalysts for low temperature water-gas shift reaction

<p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 3.40-4.00: <u>Prof. Wen-Feng Lin</u> Loughborough University 	<ul style="list-style-type: none"> Paper # 240 - Synthesis, Structure, Reactivity and Catalysis of Pd Based Nanocatalysts for Direct Ethanol Fuel Cell Application
	<ul style="list-style-type: none"> 4.00-4.20: <u>Ryan Loe</u>, Dr Eduardo Santillan-Jimenez, Dr Mark Crocker University of Kentucky Center for Applied Energy Research 	<ul style="list-style-type: none"> Paper # 83 - Catalytic Deoxygenation of Model and Realistic Lipid Feeds to Fuel-like Hydrocarbons over Supported Nickel Alloy Catalysts
	<ul style="list-style-type: none"> 4.20-4.40: <u>Ai Nozaki</u>, Yasutomo Tanihara, Dr Yasutaka Kuwahara, Tetsutaro Ohmichi, Dr Kohsuke Mori, Prof. Hiromi Yamashita Osaka University 	<ul style="list-style-type: none"> Paper # 122 - Catalytic performances of skeletal Au catalysts prepared from Au-Zr amorphous alloy
	<ul style="list-style-type: none"> 4.40-5.00: <u>Prof. Young-Kwon Park</u>, Heejin Lee, Hyung Won Lee, Dr Young-Min Kim, Prof. Sung Hoon Park, Prof. Sang-Chul Jung, Prof. Sang Chai Kim, Prof. Jong-Ki Jeon School of Environmental Engineering, University of Seoul 	<ul style="list-style-type: none"> Paper # 234 - Effect of biomass pretreatment on the catalytic copyrolysis of biomass and polymer
<p>Concurrent Session 7B Room: Cummings Room Theme 2. Emission control</p>	<ul style="list-style-type: none"> 3.20-3.40: <u>Andreas Gaenzler</u>, Dr Maria Casapu, Dr Henning Lichtenberg, Prof. Jan-Dierk Grunwaldt Karlsruhe Institute of Technology (KIT) 	<ul style="list-style-type: none"> Paper # 278 - Activating Ceria based catalysts – an operando study
	<ul style="list-style-type: none"> 3.40-4.00: <u>Yong Liao</u>, Prof. Shijian Yang Nanjing University of Science and Technology 	<ul style="list-style-type: none"> Paper # 134 - MnOx supported on Fe–Ti spinel: A novel Mn based low temperature SCR catalyst with a high N2 selectivity
	<ul style="list-style-type: none"> 4.00-4.20: <u>Prof. Xingang Li</u>, Dongyue Zhao Tianjin University 	<ul style="list-style-type: none"> Paper # 331 - Impact of Pd-addition ways on the activity of perovskite catalysts in lean NOx trap processes

		<ul style="list-style-type: none"> 4.20-4.40: <u>Xueting Lin</u> <p>School of Environment and Energy, South China University of Technology</p>	<ul style="list-style-type: none"> Paper # 148 - Soot Combustion over CeO₂-MnO_x Mixed Oxides: Evolution of Surface Oxygen Vacancies
		<ul style="list-style-type: none"> 4.40-5.00: <u>Yazhao Li</u>, Prof. Zhen Zhao, Prof. Yuechang Wei, Prof. Jian Liu, Dr Baofang Jin, Xindong Zhang <p>China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 323 - Design and Synthesis of the Highly Active Catalysts of Cu@Pt Core-shell Nanoparticles Supported on 3DOM ZrO₂ for Soot Combustion
<p>Concurrent Session 7C</p> <p>Room: Mulubinba Room</p> <p>Theme: 5. Green Engineering and Chemistry</p>	<ul style="list-style-type: none"> 3.20-3.40: <u>Zhe Liu</u> <p>Queensland University of Technology</p>	<ul style="list-style-type: none"> Paper # 118 - Selective reduction of nitroaromatics to azoxy compounds on supported Ag-Cu alloy nanoparticles through visible light irradiation 	
	<ul style="list-style-type: none"> 3.40-4.00: <u>Dr Ewa Nowicka</u> <p>Cardiff University</p>	<ul style="list-style-type: none"> Paper # 377 - Role of CO₂ as a soft oxidant for dehydrogenation of propane to propylene 	
	<p>4.00-4.40 Keynote: Dr Justin Hargreaves</p> <p>School of Chemistry, University of Glasgow</p>	<p>Cobalt rhenium catalysts for ammonia decomposition and synthesis.</p>	
	<ul style="list-style-type: none"> 4.40-5.00: <u>Prof. Zhong Li</u>, Prof. Jing Xiao, Guang Miao, Xiaoling Ren <p>South China University of Technology</p>	<ul style="list-style-type: none"> Paper # 367 - Visible-light induced photocatalytic oxidative desulfurization using BiVO₄/C₃N₄@SiO₂ with air/cumene hydroperoxide under ambient conditions 	
<p>Concurrent Session 7D</p> <p>Room: Newcastle Room</p> <p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 3.20-3.40: <u>Prof. Shaobin Wang</u> <p>Curtin University</p>	<ul style="list-style-type: none"> Paper # 57 - Co₃O₄ nanocrystals on g-C₃N₄ as a photoelectrochemical catalyst for water oxidation 	
	<ul style="list-style-type: none"> 3.40-4.00: <u>Matthew Witham</u> <p>Curtin University</p>	<ul style="list-style-type: none"> Paper # 182 - Steam Gasification of Naphthalene over Metal-Loaded Biochars 	
	<ul style="list-style-type: none"> 4.00-4.20: <u>Roong Jien Wong</u>, Dr Jason Scott, Dr Gary Low, Prof. Rose Amal <p>University of New South Wales</p>	<ul style="list-style-type: none"> Paper # 328 - Plasmon enhancement of bimetallic AuPt on TiO₂ via visible light pre-illumination for catalytic oxygen activation 	

		<ul style="list-style-type: none"> 4.20-4.40: <u>Prof. Jerry Wu</u> Feng Chia University 	<ul style="list-style-type: none"> Paper # 136 - Fabrication of Hierarchical Bismuth Oxyhalides (BiOX, X = Cl, Br, I) Materials and Application of Photocatalytic Hydrogen Production from Water Splitting 	
		<ul style="list-style-type: none"> 4.40-5.00: <u>Dr Toshiyuki Yokoi</u>, Dr Masato Yoshioka, Prof. Takashi Tatsumi Tokyo Institute of Technology 	<ul style="list-style-type: none"> Paper # 186 - MTO reaction over CON-type aluminosilicates zeolite with Al distribution in the framework controlled 	
	Concurrent Session 7E Room: Waratah Room Theme: 2. Emission control	<ul style="list-style-type: none"> 3.20-3.40: <u>Dr Hiroshi Yoshida</u>, Satoshi Misumi, Dr Satoshi Hinokuma, Prof. Masato Machida Department of Applied Chemistry and Biochemistry, Kumamoto University 	<ul style="list-style-type: none"> Paper # 93 - Novel preparation of nanolayer Rh catalyst using arc-plasma deposition for automotive catalytic reactions 	
		<ul style="list-style-type: none"> 3.40-4.00: <u>Prof. Ai-Min Zhu</u> Dalian University of Technology 	<ul style="list-style-type: none"> Paper # 312 - In-situ regeneration of Au nanocatalysts by atmospheric-pressure pulsed air plasma 	
		<ul style="list-style-type: none"> 4.00-4.20: <u>Assoc. Prof. Yexin Zhang</u> Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 139 - Mechanism of Potassium Catalyzing Carbon Oxidation: from Oxygen Transfer to Electron Transfer 	
		<ul style="list-style-type: none"> 4.20-4.40: <u>Dr Haitao Zhao</u> The University of Nottingham 	<ul style="list-style-type: none"> Paper # 28 - Selective catalytic reduction (SCR) of NO by NH₃ over MnMoO₄/γ-Al₂O₃ catalysts 	
		<ul style="list-style-type: none"> 4.40-5.00: <u>Huawang Zhao</u>, Prof. Yongdan Li Tianjin University 	<ul style="list-style-type: none"> Paper # 95 - The deactivation and regeneration of SO₂ poisoned Cu-SSZ-13 for the selective catalytic reduction of NO_x with NH₃ 	
5.00 – 6.00	Poster Session 2	Theme: 1. Sustainable and clean energy production # 33 – Hoseon Jong # 34 – Seung Won Han # 35 – Dr Yicheng Zhao	Theme: 3. Indoor air cleaning # 91 – Prof. Chung-Hsuang # 173 – Prof. Chuan Shi # 181 – Dr Weicheng Xu	Theme: 5. Green Engineering and Chemistry # 7 – Dr Xiang Feng # 19 – Prof. Ying Wan # 45 – Prof. Ching Yuan

		# 46 – Gyoung Hee Hong # 55 – Prof. Shaobin Wang # 104 – Prof. Dong Hyun Kim # 111 – Kristiina Kreek # 117 – Radoslaw Debek # 164 – Dr Yongming Luo # 177 – Prof. Chuan Shi # 185 – Prof. Seung-Soo Kim # 197 – Prof. Hee Chul Woo # 198 – Prof. Hee Chul Woo # 199 – Prof. Hee Chul Woo # 202 – Prof. Young-Kwon Park # 209 – Prof. Isabella Nova # 223 – Prof. Jerry Wu # 228 - Prof. Israf Ud Din # 229 – Prof. Seung-Soo Kim # 231 – Prof. Israf Ud Din # 236 – Dr David Anderson # 241 – Dr Ahmed Ibrahim # 251 – Xiao Lin # 252 - Dr Guan-Ting Pa Pan # 274 – Dr Agata Lamacz # 285 – Prof. Yasushi Sekine # 307 – Dr Antonio Ricca # 316 – Hisaki Kondoh # 335 – Prof. Viktor Bogdan # 352 – Kyungduk Kim # 361 – Yuxiang Zhu # 365 – Yongwen Tao # 366 – Prof. Apichai Therdthianwong # 389 – Penghui Yan # 403 – Ellen Hemming # 405 – Matthew Drewery	# 217 – Dr Lian Wang # 265 – A/Prof. Gwendoline Lafaye	# 90 – Prof. Qiang Xiao # 98 – Prof. Sang-Chul Jung # 119 – Prof. Lucjan Chmielarz # 129 – Prof. Licheng Liu # 284 – Prof. Yasushi Sekine # 334 – Prof. Viktor Bogdan # 351 - Prof. Ji Chul Jung # 388 – Guangyu Zhao # 401 – Dr Zuliang Chen # 402 – Lisa Cattelan # 404 – Lisa Player
7.00-10.00	Conference Dinner Noah's on the Beach <i>Bus Transfers from/to hotels</i>			

Day 3: Wednesday 13 July 2016

Time	Session	Speaker/s	Presentation
8.00am	Registration		
9.00-9.05	Welcome to Day 3 Room: Civic Theatre	Welcome	
9.05 – 10.05	Plenary Speaker Room: Civic Theatre	Professor Xinhe Bao State Key Laboratory of Catalysis, Institute of Chemical Physics, Chinese Academy of Sciences	TBC
10.10 - 10.30	Morning Tea		
10.30 -12.30	Concurrent Session 8A Room: Hunter Room Theme: 1. Sustainable and clean energy production	<ul style="list-style-type: none"> 10.30-10.50: <u>Prof. Kuo-Tseng Li</u> Tunghai University 10.50-11.10: <u>Prof. Gongxuan Lu</u> Lanzhou Inst Chem Phys, CAS 11.10-11.30: <u>Dr Yongming Luo</u>, Dr Xiaofeng Li, Dr Jing Wang, Dr Lei Zhang, Dr Yanqiu Lei, Dr Pan Liu, Dr Ran Chen, Dr Kezhen Chen, Dr Sufang He Kunming University of Science and Technology 11.30-11.50: <u>Kazuki Nakatsuka</u>, Dr Yasutaka Kuwahara, Dr Kohsuke Mori, Prof. Hiromi Yamashita Osaka University 	<ul style="list-style-type: none"> Paper # 47 - Aqueous-phase hydrogenolysis of glycerol over Re promoted Ru catalysts encapsulated in porous silica nanoparticles Paper # 379 - Enhanced CO₂ methanation activity over Ni@MOF-5 catalyst Paper # 296 - Hydrogen production through methanol steam reforming over Ni/Al₂O₃ based catalysts: The role of rare earth (Ce and Pr) addition Paper # 200 - The photo-assisted deposition method for the preparation of Ru nanoparticles using fullerene C₆₀ incorporating SBA-15

		<ul style="list-style-type: none"> 11.50-12.10: <u>Dr Stylianos Neophytides</u>, Dr Dimitris Niakolas, Charalabos Neofytidis <p>Foundation of Research and Technology Hellas – Institute of Chemical Engineering Sciences (FORTH-ICE/HT)</p>	<ul style="list-style-type: none"> Paper # 157 - Carbon and Sulfur tolerant anodes for SOFCs
		<ul style="list-style-type: none"> 12.10-12.30 Presenter: 	
Concurrent Session 8B Room: Cummings Room Theme 2. Emission control	10.30-11.10 Keynote: Dr Roderick Althoff Clariant	High-silica zeolites in environmental catalysis	
	<ul style="list-style-type: none"> 11.10-11.30: <u>Prof. Junhua Li</u> <p>Tsinghua University</p>	<ul style="list-style-type: none"> Paper # 155 - Comparison of Cu-SSZ-13 and Cu-SAPO-34 catalysts for NH₃-SCR of NO_x in Diesel emission control 	
	<ul style="list-style-type: none"> 11.30-11.50: <u>Prof. Masato Machida</u> <p>Kumamoto University</p>	<ul style="list-style-type: none"> Paper # 10 - DeNO_x activity of Rh/metal phosphates under A/F perturbation conditions 	
	<ul style="list-style-type: none"> 11.50-12.10: <u>Prof. Michiel Makkee</u> <p>Delft University of Technology</p>	<ul style="list-style-type: none"> Paper # 67 - The role of ceria in NO_x reduction by hydrocarbons and the possible reaction pathway in Toyota's Di-Air system 	
	<ul style="list-style-type: none"> 12.10-12.30: <u>Loredana Mantarosie</u> <p>Johnson Matthey Technology Centre</p>	<ul style="list-style-type: none"> Paper # 163 - Low temperature NO storage of zeolite supported Palladium for low temperature diesel engine emission control 	
Concurrent Session 8C Room: Mulubinba Room	<ul style="list-style-type: none"> 10.30-10.50: <u>Dr Matthew Lui</u> <p>The University of Sydney</p>	<ul style="list-style-type: none"> Paper # 121 - Masked N-Heterocyclic Carbene-Catalysed Alkylation of Phenols with Organic Carbonates 	
	<ul style="list-style-type: none"> 10.50-11.10: <u>Wibawa Hendra Saputera</u>, Dr Jason Anthony 	<ul style="list-style-type: none"> Paper # 333 - Revealing the key oxidative species generated by Pt catalysts under dark and light conditions 	

Theme: 5. Green Engineering and Chemistry	Scott, Prof. Rose Amal, Dr Gary Low University of New South Wales	
	<ul style="list-style-type: none"> 11.10-11.30: <u>Mahiro Shirotori</u>, Dr Shun Nishimura, Prof. Kohki Ebitani School of Materials Science, Japan Advanced Institute of Science and Technology	<ul style="list-style-type: none"> Paper # 190 - Effect of Cr loading amount in the Cr/Mg-Al layered double hydroxide mediated one-pot transformation of xylose to furfural
	<ul style="list-style-type: none"> 11.30-11.50: <u>Dr Santiago Suarez</u>, Dr Sonia Gil, Dr Arquimedes Cruz, Prof. Anne Giroir-Fendler Universidad Autónoma de Nuevi León, Facultad de Ingeniería Civil	<ul style="list-style-type: none"> Paper # 246 - Effect of Mn and Cu doping in SrTiO₃ on the catalytic oxidation of toluene
	<ul style="list-style-type: none"> 11.50-12.10: <u>Prof. Ying Wan</u>, Shuai Wang Shanghai Normal University	<ul style="list-style-type: none"> Paper # 18 - Aggregation-free Gold Nanoparticles in Ordered Mesoporous Carbons: Towards Highly Active and Stable Heterogeneous Catalysts for Selective Oxidation of Alcohols
	<ul style="list-style-type: none"> 12.10-12.30: <u>Prof. Shaobin Wang</u> Curtin University	<ul style="list-style-type: none"> Paper # 74 - Solvothermal synthesis of carbonaceous hybrid materials for photocatalysis and photoelectrochemical applications
Concurrent Session 8D Room: Newcastle Room Theme: 1. Sustainable and clean energy production	<ul style="list-style-type: none"> 10.30-10.50: <u>Dr Antonio Ricca</u>, Prof. Vincenzo Palma, Biagio Addeo, Gaetano Paolillo, Maurizio Rea, Prof. Paolo Ciambelli University of Salerno	<ul style="list-style-type: none"> Paper # 306 - A Thermally Integrated ATR based System for Distributed H₂ Production
	<ul style="list-style-type: none"> 10.50-11.10: <u>Concetta Ruocco</u> 	<ul style="list-style-type: none"> Paper # 264 - Coke resistant Pt-Ni catalysts supported on rare earth oxides for low-temperature bioethanol reforming

		University of Salerno	
		<ul style="list-style-type: none"> 11.10-11.30: <u>Dr Alex Yuen</u> <p>The University of School</p>	<ul style="list-style-type: none"> Paper # 392 - From Plant to Plant - Hydrothermal Conversion of Algal Biomass
		<ul style="list-style-type: none"> 11.30-11.50: <u>Prof. Yongdan Zhao</u> <p>Tianjin Univesity</p>	<ul style="list-style-type: none"> Paper # 94 - Catalytic valorization of Kraft lignin to aromatics over an Al₂O₃ supported Mo₂N catalyst
		<ul style="list-style-type: none"> 11.50-12.10: <u>Lijun Fan, Dr Yicheng Zhao, Ping Li, Prof. Yongdan Li</u> <p>Tianjin University</p>	<ul style="list-style-type: none"> Paper # 96 - A single layer solid oxide fuel cell composed of La₂NiO₄ and doped ceria-carbonate fed with methanol
		<ul style="list-style-type: none"> 12.10-12.30: <u>Dr Rongshu Zhu, Dr Fei Tian</u> <p>Harbin Institute of Technology Shenzhen Graduate School</p>	<ul style="list-style-type: none"> Paper # 353 - The Photocatalytic Performance for H₂ Generation and The Degradation of Organic Pollutant over Z Scheme Photocatalyst under Visible Light
	<p>Concurrent Session 8E</p> <p>Room: Waratah Room</p> <p>Theme: 2. Emission control</p>	<ul style="list-style-type: none"> 10.30-10.50: <u>Dr Diego Lopez Gonzalez, Dr Julien Couble, Dr Mimoun Aouine, Laurence Massin, Pascale Mascunan, Javier Diez Ramirez, Dr Michaela Klotz, Dr Caroline Tardivat, Dr Philippe Vernoux</u> <p>Institut de recherches sur la catalyse et l'environnement de Lyon (IRCELYON)</p>	<ul style="list-style-type: none"> Paper # 99 - Activation of Pd-CeMO₂ based catalysts (M=Gd, Zr) for propane combustion.
		<ul style="list-style-type: none"> 10.50-11.10: <u>Dr Xuehua Yu, Prof. Zhen Zhao, Dr Yuechang Wei, Prof. Jian Liu</u> <p>Shenyang Normal University</p>	<ul style="list-style-type: none"> Paper # 193 - Three-dimensionally ordered macroporous SiO₂-supported metal-oxide catalysts: Synthesis, characterization and excellent catalytic performance for soot combustion
		<ul style="list-style-type: none"> 11.10-11.30: <u>Dr Yang Lou</u> 	<ul style="list-style-type: none"> Paper # 22 - Low-temperature methane combustion over Pd/H-ZSM-5: the synergistic effects of Pd electronic states and acidity of support

		Arizona State University	
		<ul style="list-style-type: none"> 11.30-11.50: <u>Xindong Zhang</u>, Prof. Zhen Zhao, Prof. Yuechang Wei, Dr Yazhao Li, Dr Baofang Jin <p>State Key Laboratory of Heavy Oil Processing, China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 329 - High Efficient Catalysts of Pt@Co3O4 core-shell Nanoparticles Supported on 3DOM Oxides for Soot Combustion
		<ul style="list-style-type: none"> 11.50-12.10: <u>Long Tang</u>, Prof. Zhen Zhao, Dr Yuechang Wei, Prof. Jian Liu, Yaozhao Li <p>China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 196 - Study on the Coating of LaKCoO3 Perovskite-type Complex Oxide Catalysts on the Diesel Particulate Filter
		<ul style="list-style-type: none"> 12.10-12.30: <u>Dr Adi Setiawan</u> <p>Malikussaleh University and the University of Newcastle</p>	<ul style="list-style-type: none"> Paper # 219 - Combustion of lean methane mixtures over Pd-Co supported on titanium silicalite zeolite catalyst
12.30-1.30	Lunch		
1.30– 2.50	Concurrent Session 9A	<ul style="list-style-type: none"> 1.30-1.50: <u>Zhenguo Li</u> <p>Tsinghua University</p>	<ul style="list-style-type: none"> Paper # 214 - Synthesis and evaluation of high surface area ZSM-5 zeolite and CuZSM-5 catalyst for ammonia selective catalytic reduction: Studies of simulated exhaust and engine bench testing
	Room: Hunter Room		
	Theme 2. Emission control	<ul style="list-style-type: none"> 1.50-2.10: <u>Francesco Montecchio</u>, Henry Persson, Damiano Trento, Klas Engvall, Jack Delin, Roberto Lanza <p>KTH – Royal Institute of Technology</p>	<ul style="list-style-type: none"> Paper # 288 - Synthesis, characterization and screening of TiO2-based photocatalysts in an innovative stagnation-point reactor for VOCs removal applications
		<ul style="list-style-type: none"> 2.10-2.30: <u>Prof. Isabella Nova</u>, Prof. Enrico Tronconi, Dr Maria Pia Ruggeri, Dr Jillian Collier, Dr Andy York <p>Politecnico di Milano</p>	<ul style="list-style-type: none"> Paper # 109 - Comparison of different Cu-based zeolite catalysts in the NH3-SCR reactions

		<ul style="list-style-type: none"> 2.30-2.50: <u>Kuan Lun Pan</u> National Central University 	<ul style="list-style-type: none"> Paper # 277 - Removal of toluene from gas streams by combining plasma and double perovskite-type catalyst
Concurrent Session 9B Room: Cummings Room Theme: 3. Indoor air cleaning	<ul style="list-style-type: none"> 1.30-1.50: <u>Fei Wang</u>, Prof. Changbin Zhang, Qingcai Feng, Prof. Hong He Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 318 - Low-temperature selective catalytic oxidation of ammonia to nitrogen over Ag/SiO₂-TiO₂ catalysts 	
	<ul style="list-style-type: none"> 1.50-2.10: <u>Prof. Lingxia Zhang</u> Shanghai Institute of Ceramics, Chinese Academy of Sciences 	<ul style="list-style-type: none"> Paper # 384 - Partically crystallized mesoporous MnO_x for catalytic oxidation removal of low-concentration HCHO 	
	<ul style="list-style-type: none"> 2.10-2.30: <u>Zhi-Guang Sun</u>, Prof. Ai-Min Zhu Dalian University of Technology 	<ul style="list-style-type: none"> Paper # 36 - Photocatalytic removal of formaldehyde from air over hydro-oxygenated amorphous titania (a-TiO_x:OH) films: approaching zero-order kinetics 	
	<ul style="list-style-type: none"> 2.30-2.50 Presenter: 	<ul style="list-style-type: none"> Paper # 	
Concurrent Session 9C Room: Mulubinba Room Theme 2. Emission control	<ul style="list-style-type: none"> 1.30-1.50: <u>Dr Graeme Puxty</u> CSIRO Energy 	<ul style="list-style-type: none"> Paper # 382 - Catalysis of CO₂ absorption in aqueous solution by inorganic oxoanions and their application to post combustion capture 	
	<ul style="list-style-type: none"> 1.50-2.10: <u>Prof. Zhenping Qu</u> Dalian University of Technology 	<ul style="list-style-type: none"> Paper # 385 - Selective catalytic oxidation of NH₃ to N₂ over Cu-Ce-Zr catalyst and its reaction mechanism 	
	<ul style="list-style-type: none"> 2.10-2.30: <u>Dr Zongli Xie</u> CSIRO Manufacturing 	<ul style="list-style-type: none"> Paper # 283 - Iron-Cobalt oxide catalysts for N₂O decomposition 	
	<ul style="list-style-type: none"> 2.30-2.50: <u>Qi Xin</u>, Prof. C. Philippopoulos, Prof. N.G. Papayannakos, Prof. Vera Meynen, Prof. Pegie Cool University of Antwerp 	<ul style="list-style-type: none"> Paper # 32 - Ammonia based preparation of copper loaded heterogeneous catalyst with effective automotive CO and hydrocarbons conversion 	

<p>Concurrent Session 9D</p> <p>Room: Newcastle Room</p> <p>Theme: 4 Water Treatment</p>	<ul style="list-style-type: none"> 1.30-1.50: <u>Prof. Fengyun Wang</u>, Prof. Wu Lei <p>Nanjing University of Science and Technology</p>	<ul style="list-style-type: none"> Paper # 394 - Preparation of a Water-dispersible g-C₃N₄ Photocatalyst by a Simple Chemical Method
	<ul style="list-style-type: none"> 1.50-2.10: <u>Prof. Fengyun Wang</u> <p>Nanjing University of Science and Technology</p>	<ul style="list-style-type: none"> Paper # 396 - Synthesis, characterization and photocatalytic properties of mpg-C₃N₄/BiVO₄/TiO₂
	<ul style="list-style-type: none"> 2.10-2.30: <u>Prof. Chenglin Sun</u>, Yamin Wang, Wenjing Sun, Dr Huangzhao Wei <p>Dalian National Laboratory for Clean Energy, Dalian Institute of Chemical Physics, Chinese Academy of Sciences</p>	<ul style="list-style-type: none"> Paper # 25 - The Extended Mechanism of Ammonia Conversion to N₂ by Ru_{0.2}TiZrO₄ Catalyst in Catalytic Wet Air Oxidation
	<ul style="list-style-type: none"> 2.30-2.50: <u>Prof. Jing Xiao</u>, Xiyi Li, Yunhong Pi, Prof. Zhong Li <p>South China University of Technology</p>	<ul style="list-style-type: none"> Paper # 354 - TiO₂ encapsulated in Salicylaldehyde-NH₂-MIL-101(Cr) for enhanced visible light-driven photodegradation of MB
<p>Concurrent Session 9E</p> <p>Room: Waratah Room</p> <p>Theme: 5. Green Engineering and Chemistry</p>	<ul style="list-style-type: none"> 1.30-1.50: <u>Shuohan Yu</u>, Ningxin Jiang, Weixin Zou, Lulu Li, Dr Changjin Tang, Prof. Lin Dong <p>Nanjing University</p>	<ul style="list-style-type: none"> Paper # 310 - A general and inherent strategy to improve the water tolerance of low temperature NH₃-SCR catalysts via trace SiO₂ deposition
	<ul style="list-style-type: none"> 1.50-2.10: <u>Prof. Jinli Zhang</u> <p>Tianjin University</p>	<ul style="list-style-type: none"> Paper # 287 - A triphenylphosphine-ligated gold-based catalyst for acetylene hydrochlorination
	<ul style="list-style-type: none"> 2.10-2.30: <u>Dr Jingjing Jiao</u>, Prof. Zhen Zhao, Prof. Yuechang Wei, Prof. Aijun Duan, Prof. Jian Liu, Prof. Guiyuan Jiang <p>State Key Laboratory of Heavy Oil Processing, China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 363 - Design and synthesis of 3DOM TiO₂-supported Au@CdS core-shell nanoparticles for the photocatalytic reduction of CO₂ with H₂O

		<ul style="list-style-type: none"> 2.30-2.50: <u>Prof. Weidong Zhu</u>, Dr Yanghe Fu, Long Sun, Huan Yang, Lai Xu, Dr Fumin Zhang <p>Zhejiang Normal University</p>	<ul style="list-style-type: none"> Paper # 26 - Aerobic photocatalytic oxidation of aromatic alcohols to aldehydes over Ni-doped NH₂-MIL-125(Ti) upon visible light irradiation
2.50-3.10	Afternoon Tea		
3.10-4.50	Concurrent Session 10A	<ul style="list-style-type: none"> 3.10-3.30: <u>Prof. Ruifeng Li</u> <p>Taiyuan University of Technology</p>	<ul style="list-style-type: none"> Paper # 242 - Selective catalytic reduction of NO by CH₄ in the presence of excess oxygen over Mn-exchanged H-Beta@Y zeolite
	Room: Hunter Room		
	Theme: 2. Emission control	<ul style="list-style-type: none"> 3.30-3.50: <u>Dr Xiaolong Liu</u> <p>Institute of Process Engineering, Chinese Academy of Sciences</p>	<ul style="list-style-type: none"> Paper # 216 - Catalytic oxidation of benzene over Ru-based bimetallic catalysts
		<ul style="list-style-type: none"> 3.50-4.10: <u>Tuomas Nevanpera</u> <p>University of Oulu</p>	<ul style="list-style-type: none"> Paper # 271 - Catalytic oxidation of dimethyl disulphide (CH₃SSCH₃) using Au, Pt and Cu catalysts supported on alumina, ceria and ceria-alumina
		<ul style="list-style-type: none"> 4.10-4.30: <u>Andrey Petrov</u>, Dr Davide Ferri, Prof. Jeroen van Bokhoven, Prof. Oliver Kröcher <p>Institute for Chemical and Bioengineering and Paul Scherrer Institut</p>	<ul style="list-style-type: none"> Paper # 127 - Enhancing the stability of palladium catalysts for methane oxidation using hierarchical ZSM-5
		<ul style="list-style-type: none"> 4.30-4.50: <u>Dr Peng Pu</u> <p>Institute of New Energy, China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 189 - An enhanced De-NOX method by post-plasma catalysis and in-plasma catalysis at low temperature
	Concurrent Session 10B	<ul style="list-style-type: none"> 3.10-3.30 Presenter: 	<ul style="list-style-type: none"> Paper #
	Room: Cummings Room		
	Theme: 4 Water Treatment	<ul style="list-style-type: none"> 3.30-3.50: <u>Dan Chen</u>, Prof. Jinyou Shen, Xinbai Jiang, Prof. Lianjun Wang <p>Nanjing University of Science and Technology</p>	<ul style="list-style-type: none"> Paper # 39 - Fabrication of polypyrrole/MnO₂ composite onto graphite felt electrode and its application in catalytic degradation of phenol in bioelectrochemical system

		<ul style="list-style-type: none"> 3.50-4.10: <u>Mario Velasquez</u> Mario 126 	<ul style="list-style-type: none"> Paper # 171 - Catalytic degradation of violet crystal (V.C) by advanced oxidation processes using bi- and tri- metallic catalyst based on iron, aluminum and silver
		<ul style="list-style-type: none"> 4.10-4.30: <u>Prof. Shaobin Wang</u> Curtin University 	<ul style="list-style-type: none"> Paper # 48 - Emerging nonradical pathway from carbocatalysis for metal-free oxidation
		<ul style="list-style-type: none"> 4.30-4.50: <u>Dr Wei Wang</u>, Prof. Zongping Shao Curtin University 	<ul style="list-style-type: none"> Paper # 149 - Facile synthesis of LaFeO₃ microspheres with enhanced photocatalytic activity for wastewater treatment
	<p>Concurrent Session 10C</p> <p>Room: Mulubinba Room</p> <p>Theme: 1. Sustainable and clean energy production</p>	<ul style="list-style-type: none"> 3.10-3.30: <u>Prof. Albin Pintar</u>, Dr Petar Djinović, Dr Gorazd Berčič, Špela Božič National Institute of Chemistry 	<ul style="list-style-type: none"> Paper # 52 - Catalytic depolymerization kinetics of waste plastics to olefins over natural aluminosilicates
		<ul style="list-style-type: none"> 3.30-3.50: <u>Dr Anna Maria Venezia</u>, Dr Giuseppe Pantaleo, Dr Valeria La Parola, Dr Francesca Deganello, Dr Raja BAL Institute of Nanostructured Materials, CNR 	<ul style="list-style-type: none"> Paper # 269 - CeO₂ supported and unsupported La_xNiO_y catalysts for partial oxidation of methane.
		<ul style="list-style-type: none"> 3.50-4.10: <u>Priyanka Verma</u>, Dr Yasutaka Kuwahara, Prof. Kohsuke Mori, Prof. Hiromi Yamashita Osaka University 	<ul style="list-style-type: none"> Paper # 103 - Design of Pd/Ag bimetallic nanocatalyst for plasmon-mediated catalysis under visible light irradiation
		<ul style="list-style-type: none"> 4.10-4.30: <u>Dr Ryo Watanabe</u>, Shuhei Watanabe, Nozomu Hirata, Prof. Choji Fukuhara Shizuoka University 	<ul style="list-style-type: none"> Paper # 203 - Effect of promoter addition on water gas shift property of iron-oxide-type structured catalyst

		<ul style="list-style-type: none"> 4.30-4.50: <u>Xiaotong Xiaotong</u>, Prof. Zhen Zhao, Prof. Yuechang Wei, Xiaotong Huang <p>China University of Petroleum</p>	<ul style="list-style-type: none"> Paper # 343 - Tetramethylguanidine surface-modified Titanium dioxide as an efficient catalyst for the photocatalytic reduction of carbon dioxide
	<p>Concurrent Session 10D</p> <p>Room: Newcastle Room</p> <p>Theme: Green Engineering and Chemistry</p>	<ul style="list-style-type: none"> 3.10-3.30: <u>Zhirong Zhu</u> <p>Department of Chemistry, Tongji University</p>	<ul style="list-style-type: none"> Paper # 391 - Esterification synthesis of biodiesel over silica-supported heteropolyacid prepared by impregnating and in-situ sol-gel methods
		<ul style="list-style-type: none"> 3.30-3.50: <u>Prof. Yutaka Amao</u>, Ryota Kataoka <p>Osaka City University</p>	<ul style="list-style-type: none"> Paper # 187 - Methanol production from CO₂ with the hybrid system of biocatalyst and photocatalyst
		<ul style="list-style-type: none"> 3.50-4.10: <u>Dr Fabio Lorenzini</u>, Yueming Wang, Yueyuan Ma, Xiaohan Liu, Dr Martin Rebros, Dr Andrew C. Marr <p>The Queen's University of Belfast</p>	<ul style="list-style-type: none"> Paper # 225 - Adding value to glycerol by combining chemo- and biocatalysis: synthesis of value-added chemicals from 1,3-propanediol via hydrogen transfer catalysed by highly recyclable Cp*Ir(NHC) catalysts.
		<ul style="list-style-type: none"> 4.10-4.30: <u>Gizelle Sanchez Combata</u> <p>Priority Research Centre for Energy (PRCfE), University of Newcastle</p>	<ul style="list-style-type: none"> Paper # 390 - Valorisation of waste glycerol by means of allyl alcohol production over [Fe]-ZSM5 catalysts
		<ul style="list-style-type: none"> 4.30-4.50: <u>Prof. Kuen-Song Lin</u>, Chao-Lung Chiang, Chia-Wei Shu, Prof. Jeffrey C.S. Wu, Prof. Kevin Chia-Wen Wu, Prof. Yu-Tzu Huang <p>Department of Chemical Engineering and Materials Science, Yuan Ze University</p>	<ul style="list-style-type: none"> Paper # 250 - Synthesis and Characterization of Solid Superbasic/Superacidic Catalysts for Biodiesel Production
5.00 – 5.20	<p>Closing Address</p> <p>Room: Cummings Room</p>	<p><i>Closing comments</i></p>	

