



15:00	15:20	<b>Mechanism and kinetics of hydrogen peroxide decomposition on platinum nanocatalysts</b>	<b>Rui Serra Maia</b>	Virginia Tech, Department of Geosciences/Nanoscience UNITED STATES
15:20	15:40	<b>Kinetic model of thiol-en reaction of glutathione with unsaturated phenols</b>	<b>Karina Marsova Zinatullina</b>	Semenov Institute of Chemical Physics RUSSIA
15:40	16:00	<b>Operando studies of self-sustained reaction rate oscillations in steam reforming and oxidation of hydrocarbons over nickel</b>	<b>Vasily V. Kaichev</b>	Boreskov Institute of Catalysis RUSSIA
<b>Room Mátyás II.</b>				
14:00	14:20	<b>Syngas production over Ni/yttria-doped layered double hydroxides catalysts</b>	<b>Katarzyna Alicja Świrk</b>	Sorbonne Université Institut Jean Le Rond d'Alembert FRANCE
14:20	14:40	<b>Modulated oscillations - a new self-oscillatory phenomenon during CH<sub>4</sub> oxidation over Ni</b>	<b>Victor Bychkov</b>	Semenov Institute of Chemical Physics RUSSIA
14:40	15:00	<b>Effect of support surface treatment of Co/Graphene Fischer-Tropsch catalysts</b>	<b>He Li</b>	Beijing Institute of Petrochemical Technology School of Chemical Engineering CHINA
15:00	15:20	<b>Effect of medium and nickel salt source in the synthesis of nano-sized nickel catalysts</b>	<b>Anna Adél Ádám</b>	University of Szeged HUNGARY
15:20	15:40	<b>Levulinic acid hydrodeoxygenation over silica-supported Co catalysts</b>	<b>R. Magdolna Mihályi</b>	Research Centre for Natural Sciences, HAS, Green Chemistry Research Group HUNGARY
16:00	16:30	<b>Coffee Break</b>		
16:30	18:00	<b>Poster Session</b>		
<b>Friday, June 8, 2018</b>				
<b>Room Mátyás I.</b>				
9:00	9:20	<b>Catalytic reactions imaged at the nanoscale: study of gold-silver alloys by field emission techniques</b>	<b>Luc Jacobs</b>	Université libre de Bruxelles Chemical Physics of Materials and Catalysis CPMCT BELGIUM
9:20	9:40	<b>Interlayer dynamics of active sites of promoted transition metal sulfide catalysts and the mechanisms of hydrodesulfurization and alcohol synthesis</b>	<b>Victor Kogan</b>	Zelinsky Institute of Organic Chemistry Russian Academy of Sciences RUSSIA
9:40	10:00	<b>Mechanochemically modified hydrazine reduction method for the synthesis of nickel nanoparticles and their catalytic activities</b>	<b>Katalin Musza</b>	University of Szeged HUNGARY
10:00	10:20	<b>Effect of the support nature on the activity and selectivity of palladium catalysts in the aqueous-phase hydrogenation of furfural</b>	<b>Roman M. Mironenko</b>	Institute of Hydrocarbons Processing of the Siberian Branch of Russian Academy of Sciences RUSSIA
10:20	10:40	<b>Hydrogenation of hydroxy-substituted naphthalenes using Ru catalysts</b>	<b>Iva Paterova</b>	UCT Prague CZECH REPUBLIC
<b>Room Mátyás II.</b>				
9:00	9:20	<b>Heterogeneous acid catalysts for preparation of substituted tetrahydropyrans</b>	<b>Eliska Vyskocilova</b>	University of Chemistry and Technology Prague CZECH REPUBLIC
9:20	9:40	<b>Highly active and stable zirconium phosphate grafted on KIT-6 for renewable p-xylene production via cycloaddition of biomass-derived intermediates</b>	<b>Saravanan Kasipandi</b>	Sungkyunkwan University School of Chemical Engineering SOUTH KOREA

9:40	10:00	<b>Polymer cross-metathesis, a new interchain reaction: the kinetics and mechanism of interactions between polynorbornenes and polyoctenamers</b>	<b>Yulia I. Denisova</b>	A.V. Topchiev Institute of Petrochemical Synthesis, Russian Academy of Science RUSSIA
10:00	10:20	<b>Recovery of TiO<sub>2</sub> substrates using solar-like radiation for photocatalytic applications</b>	<b>David Alejandro Mena Valencia</b>	Escuela Politécnica Nacional Departamento de Ciencias Nucleares ECUADOR
10:40	11:10	<b>Coffee Break</b>		
<b>Room Mátyás I.</b>				
11:10	11:30	<b>Novel metal sulfonate polymers as heterogeneous catalyst</b>	<b>Elisabet Dunach</b>	CNRS Organic chemistry FRANCE
11:30	11:50	<b>Effects of preparation method on the properties of cobalt supported ceria catalysts for steam reforming of ethanol</b>	<b>Magdalena Greluk</b>	University of Maria Curie-Skłodowska POLAND
11:50	12:10	<b>Fe modified vermiculites doped with ceria as catalysts for selective catalytic reduction of NO<sub>x</sub> with NH<sub>3</sub></b>	<b>Bogdan Samojedan</b>	AGH University of Science and Technology POLAND
12:10	12:30	<b>Role of the catalyst support in hydrogen production from formic acid over noble metals and MoS<sub>2</sub></b>	<b>Dmitri A. Bulushev</b>	Boriskov Institute of Catalysis, SB RAS RUSSIA
<b>Room Mátyás II.</b>				
11:10	11:30	<b>Investigation of Mo-containing Pt-based electrocatalyst with improved CO tolerance for PEM fuel cells</b>	<b>Adam Vass</b>	Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, HAS HUNGARY
11:30	11:50	<b>Bridging the gaps: multiscale analysis of nonlinear behaviors by environmental microscopies</b>	<b>Cédric Barroo</b>	Université Libre de Bruxelles BELGIUM
11:50	12:10	<b>DFT study of CO oxidation on ligand-protected gold nanoclusters</b>	<b>Daria Pichugina</b>	Moscow State University Chemistry RUSSIA
12:10	12:30	<b>Bentonite based nano catalyst for biodiesel synthesis</b>	<b>Amir Bagheri Garmarudi</b>	IKIU Chemistry Department IRAN
12:30	14:00	<b>Lunch</b>		
<b>Room Mátyás I+II</b>				
14:00	14:45	<b>Dry reforming of methane over Ni-based catalysts: Advances in catalysts design</b>	<b>Leonarda Francesca Liotta Keynote Speaker</b>	Consiglio Nazionale delle Ricerche (CNR) Istituto per lo Studio dei Materiali Nanostrutturati (ISMN) ITALY
14:45	15:20	<b>Strong metal-support interactions in supported gold catalysts and their application in catalysis</b>	<b>Junhu Wang Invited Speaker</b>	Dalian Institute of Chemical Physics Chinese Academy of Sciences Mossbauer Effect Data Center, CHINA
15:20	15:40	<b>Kinetics of nickel-oxalate precipitation in a well-stirred batch system</b>	<b>Gabor Schuszter</b>	University of Szeged HUNGARY
15:40	16:00	<b>Potentiometric scanning electrochemical microscopic mapping of the distributed Belousov-Zhabotinsky oscillating reaction</b>	<b>András Kiss</b>	University of Pécs Department of General and Physical Chemistry HUNGARY
16:00	16:30	<b>Coffee Break</b>		
16:30	18:00	<b>Poster Session</b>		
<b>Saturday, June 9, 2018</b>				
<b>Room Mátyás I+II</b>				

9:00	9:35	<b>Selective partial oxidation catalysts: material science at all length scales</b>	<b>Gerhard Mestl</b> Invited Speaker	Clariant AG Catalysts GERMANY
9:35	10:10	<b>Microreactor technology as a tool for revealing kinetic and mechanistic features of catalytic reactions</b>	<b>Dmitry Murzin</b> Invited Speaker	Åbo Akademi University FINLAND
10:10	10:30	<b>Computational generation of reaction schemes with complex dynamics</b>	<b>Gabor Szederkenyi</b>	Pazmany Peter Catholic University HUNGARY
10:30	11:00	<b>Coffee Break</b>		
11:00	11:35	<b>Alternating catalytic reactions</b>	<b>Zeljko Cupic</b> Invited Speaker	Institute for Chemistry, Technology and Metallurgy Center of Catalysis and Chemical Engineering SERBIA
11:35	12:10	<b>Classification of reactions featuring clock behavior</b>	<b>Attila K. Horváth</b> Invited Speaker	University of Pécs Department of Inorganic Chemistry HUNGARY
12:10	12:30	<b>Catalytic peroxide fractionation processes for the green biorefinery of wood</b>	<b>Boris Nikolaevich Kuznetsov</b>	Institute of Chemistry and Chemical Technology SB RAS RUSSIA
12:30	14:00	<b>Lunch</b>		
14:00	14:20	<b>Catalytic processing of plant waste resulting in formation of useful products</b>	<b>Olga Kasaikina</b>	Semenov Institute of Chemical Physics Laboratory of Liquid Phase Oxidation RUSSIA
14:20	14:40	<b>Use of isotopic tracers to obtain mechanistic understanding in the conversion of lignin to alkylphenol monomers</b>	<b>Emma K. Gibson</b>	University of Glasgow UNITED KINGDOM
14:40	15:00	<b>Enhanced activity and structural stability of CO hydrogenation on phosphorus-modified ordered mesoporous Co<sub>3</sub>O<sub>4</sub>-Al<sub>2</sub>O<sub>3</sub></b>	<b>Jong Wook Bae</b>	Sungkyunkwan University School of Chemical Engineering SOUTH KOREA
15:00	15:20	<b>Kinetic modeling and experimental studies of the methanol to hydrocarbons reaction over H-ZSM-5 zeolite</b>	<b>Dmitry B. Lukyanov</b>	University of Bath UNITED KINGDOM
15:20	15:40	<b>Tetragonal versus monoclinic zirconia in Ni/ZrO<sub>2</sub> catalysts: effect on the catalytic activity for glycerol steam reforming</b>	<b>Samer Aouad</b>	University of Balamand Chemistry LEBANON
15:40	15:50	<b>Closing remarks</b>	<b>Gábor Lente</b> Conference Speaker	Conference Chair Department of General and Physical Chemistry, University of Pécs, HUNGARY
19:00	22:00	<b>Conference Dinner</b>	<b>Márványmenyasszony Restaurant</b> H-101 Budapest, Márvány u. 6.	<b>Meeting Point:</b> 18:45, Hotel Lobby Mercure Budapest Buda****

The Organisers reserve the right to make changes in the Conference programme