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CAT 2018

CONFERENCE PROGRAM

2nd Global Conference on

Catalysis, Chemical Engineering & Technology

SEPTEMBER 13-15, 2018
ROME, ITALY

Theme: Accentuate innovations and Emerging novel research in Catalysis and chemical engineering

Exhibitors

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VENUE

HOLIDAY INN ROME AURELIA
VIA AURELIA, KM 8.400, 00165
ROME, ITALY

Day 1 September 13, 2018 (Thursday) @ Olimpica 2

08:00-08:40 Registrations

Moderator Reza Vakili, The University of Manchester, UK

08:40-09:00 Introduction

Keynote Presentations

09:00-09:30 Title: Functionalization of porous materials for application in environmental catalysis for protection of environment
Stanislaw Dzwigaj, Sorbonne Universités, France

09:30-10:00 Title: Ménage-à-Trois: Single-atom catalysis, Mass Spectrometry and Computational chemistry
Helmut Schwarz, Technische Universität Berlin, Germany

10:00-10:30 Title: Catalysis in/on water: Future perspectives
Christophe LEN, Chimie ParisTech, France

10:30-11:00 Title: Fully integrated biotransformations in a microreactor
Bruno Zelić, University of Zagreb, Croatia

11:00-11:30 Title: Fluorous ponytails in catalysis
Jan Cermak, Institute of Chemical Process Fundamentals of the CAS, v.v.i., J. E. Purkinje University, Czech Republic

11:30-11:50 **Coffee Break** **@ Foyer**

Session on: Heterogeneous Catalysis | Catalytic Materials | Colloid & Surface aspects | Advances in Catalysis | Enzyme & Microbial Technology

Session Chairs :
Helmut Schwarz, Technische Universität Berlin, Germany
Jan Cermak, J. E. Purkinje University, Czech Republic
Bruno Zelić, University of Zagreb, Croatia

11:50-12:10 Title: Effect of temperature on Cr promotion of Mo_2C supported on sulfated Zirconia for methane dehydroaromatization
James J. Spivey, Louisiana State University, USA

12:10-12:30 Title: Stabilization of hydrolytic enzyme(s) for Commercial application
Dietmar Andreas Lang, Disruptive Biotechnology & Biosourcing, Unilever R&D, UK

12:30-12:50 Title: In situ studies of model catalysts for heterogeneous catalysis
Hans O. A. Fredriksson, Syngaschem BV, The Netherlands

12:50-13:10 Title: Electrocatalytic conversion of organic compounds at solid/liquid interface from Ab Initio molecular dynamics simulations
Mal-Soon Lee, Pacific Northwest National Laboratory, USA

Special Session

13:10-13:30	Title: Overview of radioactive cesium removal from nuclear wastes Changhyun Roh, Korea Atomic Energy Research Institute (KAERI), Republic of Korea

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13:30-14:20	**Lunch Break** **@ Hotel Restaurant**
14:20-14:40	Title: Hybrid Catalysis: A new one-pot reactor for the valorisation of glycerol through heterogeneous and enzymatic catalysis Myriam Frey, LGPC (Lyon), France
14:40-15:00	Title: Quantum effects with fluid movement along the solid surface Victor Zamakhaev, Terratec LLC, Russian Federation
15:00-15:20	Title: Metal based electrocatalysts on CeO_2/carbon, Nb_2O_5/carbon and carbon: Synthesis, characterization and investigation of their electrocatalytic activities for both anodic and cathodic fuel cell reactions Virginija Kepenienė, Center for Physical Sciences and Technology, Lithuania
15:20-15:40	Title: Laccase detoxification of lignocellulose biomass to improve their conversion to chemicals Iris Cornet, Antwerp University, Belgium
15:40-16:00	Title: The Nanomaterials application for syngas processing Kulikova Maya Valer'evna, A. V. Topchiev Institute of Petrochemical Synthesis, RAS, Russian Federation
16:00-16:20	**Coffee Break** **@ Foyer**
16:20-16:40	Title: Efficient CO_2 hydrogenation to straight chain olefins over simple and robust alkali promoted Fe catalysts Linga Reddy Enakonda, King Abdullah University of Science and Technology (KAUST), Saudi Arabia
16:40-17:00	Title: Zirconium containing ionic materials as catalysts for C3, C4 alcohols conversions Mikhalenko Irina Ivanovna, RUDN University, Russia
17:00-17:20	Title: Catalytic reduction of hazardous nitroaromatic groups Halit Cavusoglu, Selcuk University, Turkey
17:20-17:40	Title: Upgrading of furaldehydes via hydroxymethyration over heterogeneous acid catalyst Shun Nishimura, Japan Advanced Institute of Science and Technology, Japan

16:30-18:00 - Poster Presentations

PN1800-0163 Title: Carbon nanotubes with tunable properties towards the design of efficient water denitration catalyst
Sanja Panic, University of Novi Sad, Serbia

PN1800-0164 Title: Ni^{2+} and Ni^{+} counterions in MFI zeolite as single and multiple coordination sites for small molecules
Elena Zdravkova Ivanova, Bulgarian Academy of Sciences, Bulgaria

PN1800-0165 Title: In-situ imaging of electrolyte flux in a Li-ion battery
Keiji Takata, Kansai University, Japan

PN1800-0166 Title: Iron hydroxide-based adsorbent: A case study in removing of H_2S from biogas
Edoardo Magnone, Dongguk University, Republic of Korea

PN1800-0167 Title: Use of Cu^{I}-ZSM-5 for Purification of the Fuels of the Future (Methane and Hydrogen)
Mihail Yordanov Mihaylov, Bulgarian Academy of Sciences, Bulgaria

PN1800-0168 Title: Composite thin films based on ZnO- carbon derivatives for photocatalytic applications
Dana Perniu, Transilvania University of Brasov, Romania

PN1800-0169 Title: Fabrication and characterization of perovskite catalyst for oxygen removal in landfill gas (LFG)
Jung Hoon Park, Dongguk University, Republic of Korea

PN1800-0170 Title: Formation of catalytic active cites in Copper modified Ce-Mn mesoporous oxides for ethyl acetate total oxidation
Radostina Nikoaleva Ivanova, Bulgarian Academy of Science, Bulgaria

PN1800-0171 Title: Hydrogen evolution over Gallium oxynitride prepared from Gallium oxide hydroxide under visible light irradiation
Yuma Kato, Osaka City University, Japan

PN1800-0172 Title: Spectroscopic investigation of the influence of UV-irradiation on hydroxyl-hydrated layer of TiO_2 photocatalyst
Kirill M. Bulanin, Saint-Petersburg State University, Russia

PN1800-0173 Title: Graphene Oxide supported Tio_2 nanocomposites
Ayşe Neren Ökte, Boğaziçi University, Turkey

PN1800-0174 Title: $CaAg_2$ as catalyst precursor for ethylene epoxidation
Antonyshyn Iryna, Max-Planck-Institut für Chemische Physik fester Stoffe, Germany

PN1800-0175 Title: Comparative study of self-cleaning properties of TiO_2, ZnO-based photoactive materials
Aida Rudakova, Saint-Petersburg State University, Russia

PN1800-0176 Title: Acetylation of aldehydes catalyzed by acid phosphonium organoclays
Luboš Jankovič, Institute of Inorganic Chemistry, SAS, Slovakia

PN1800-0177 Title: Mechanism of water oxidation and reversible proton dissociation on aquo-bridge between Ru(II) centres on dinuclear complexes
Shunsuke Watabe, Niigata University, Japan

PN1800-0178 Title: Synthesis and photocatalytic activity of $CoFe_2O_4$/Reduced graphene oxide nanocomposite
Kun-Yauh Shih, National Pingtung University, Taiwan

PN1800-0179 Title: Catalytic performance of galloaluminosilicates in aromatization of lower alkanes: A comparative study with Ga/HZSM-5
Mohammad Naseem Akhtar, King Fahd University of Petroleum & Minerals, Saudi Arabia

PN1800-0180 Title: Size control of Ruthenium nanoparticles in Ruthenium/Carbon composites derived from metal-organic frameworks
Moo Whan Shin, Yonsei University, Republic of Korea

PN1800-0181 Title: Activated carbons from used motor oil as catalyst support
Izabela Georgieva Genova, Institute of Organic Chemistry with Centre of Phytochemistry, BAS, Bulgaria

PN1800-0182 Title: Synthesis of Rice-Ear-shaped Cu dendrites by Galvanic displacement
Jong-Hyun Lee, Seoul National University of Science and Technology, Republic of Korea

PN1800-0183 Title: Catalytic H_2O_2 production via water oxidation by a dinuclear ruthenium complex
Yuuki Tanahashi, Niigata University, Japan

PN1800-0184 Title: All-atom molecular dynamics of a ternary mixud of phospholipids
Efrain Urrutia Bañuelos, Universidad de Sonora, Mexico

PN1800-0185 Title: A novel, low cost material for automotive catalysis
Alexander Dennis James, University of Leeds, United Kingdom

PN1800-0186 Title: Pd/DNA as highly active and recyclable catalyst of Suzuki-Miyaura coupling and aminocarbonylation. XPS investigation
Wlodzimierz Tylus, Wroclaw University of Science and Technology, Poland

PN1800-0187 Title: Terminology spectrum analysis of natural-language chemical documents: Application on catalysis
Andrey O. Kuzmin, Boreskov Institute of Catalysis SB RAS, Russia

PN1800-0188 Title: Application of solution plasma method to preparation of Ag loaded Ga_2O_3 photocatalysts
Tomoko Yoshida, Osaka City University, Japan

PN1800-0189 Title: Depolymerisation of lignin over Ru-based heterogeneous catalysts
Verziu Marian Nicolae, Institute of Organic Chemistry 'C. D. Nenitescu' of Romanian Academy, Romania

PN1800-0190 Title: Particle interactions during solar TiO_2 photocatalytic treatment of organic matter
Ayse Hazal Pekcan Cetin, Bogazici University, Turkey

PN1800-0191 Title: Highly efficient and stable catalysts based on bimetallic Au@Ag nanoparticles decorated clay-poly(glycidylmethacrylate)
Samia Mahouche-Chergui, University Paris-Est Creteil, France

PN1800-0192 Title: Photocatalytic self-cleaning WO_3-rGO composite thin films for PV glazing
Maria Covei, Transilvania University of Brasov, Romania

PN1800-0193 Title: Advancements in the process and Catalyst developments for Ethylene Oxide and Ethylene Glycol: Current and future prospects
Muhammad Imran Yaqub, SABIC, Saudi Arabia

PN1800-0194 Title: Highly active molecular catalyst of a dinuclear ruthenium(II) complex for water oxidation
Hiroki Sonokawa, Niigata University, Japan

PN1800-0195 Title: Zeolites synthesized from fly ash for adsorption of phenol from waste water
Borislav Zhivkov Barbov, Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences, Bulgaria

PN1800-0196 Title: Catalytic hydrothermal gasification of organic compound
Isao Hasegawa, Kansai University, Japan

PN1800-0197 Title: Composite materials based on active carbon from biomass residues and zinc oxide nanoparticles for water purification
Alexandra Mocanu, University Politehnica of Bucharest, Romania

PN1800-0198 Title: Electrochemically derived Poly-porphyrin films with electrocatalytic properties
Vladimir Ivanovich Parfenyuk, Institute of Solution Chemistry of the Russian Academy of Sciences, Russia

PN1800-0199 Title: Photoactivity of ZnO supported MCM-41
Duygu Tuncel, Boğaziçi University, Turkey

PN1800-0200 Title: Hydrothermal synthesis of [Al]ZSM-5 and [Ga]ZSM-5 type zeolites
Totka Todorova, Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences, Bulgaria

PN1800-0201 Title: Nanostructure control of IrOx powder for highly efficient electrocatalytic water oxidation
Tetsuya Sato, Niigata University, Japan

PN1800-0202 Title: Influence of chemical states of doped nitrogen in $NaTaO_3$ on photocatalytic activity for CO_2 reduction
Akiyo Ozawa, Osaka City University, Japan

PN1800-0203 Title: Effect of surface-modified Silica/ Polyamideimide (PAI) films
Jae Young Park, Korea Institute of Industrial Technology, Republic of Korea

PN1800-0204 Title: Sol-gel synthesis of $MgFe_2O_4$ nanoparticles for photodegradation application
Gulzat Demeuova, PI National Laboratory Astana, Nazarbayev University, Kazakhstan

PN1800-0205 Title: Photocatalytic activity of surface modification of TiO_2 nanoparticles
Hohyeong Kim, Korea Institute of Industrial Technology, Republic of Korea

PN1800-0206 Title: Titanium based catalyst systems for photo-catalytic CO_2 reduction
Aigerim Baimyrza, Nazarbayev University, Kazakhstan

PN1800-0207 Title: Oxidative carboxylation of 1-decene
Raiedhah Alsaiari, Najran University, Saudi Arabia

PN1800-0208 Title: Synthesis and characterization of bimetallic Ce Zr based UiO-66 and MOF-808
Michalina Stawowy, Wrocław University of Science and Technology, Poland

PN1800-0209 Title: On the mechanism of phosphine-catalyzed annulation of azomethine imines with allenoates: Theoretical insights
Sebastián Eduardo Gallardo Fuentes, Universidad de Chile, Chile

E-Poster Presentations

Title: Base catalized intramolecular Cyclization of -(4-hydroxybuth-2-ynyl)[3-(4-aryl)prop-2-ynyl]ammonium chlorides and intramolecular Recyclization of obtained products
Chukhajian Emma H, The Scientific Technological Centre of Organic and Pharmaceutical Chemistry of National Academy of Sciences, Republic of Armenia

Title: Base catalized intramolecular Cyclization of –allyl[3-(4-bromphenyl)prop-2-ynyl] ammonium bromides and water-base cleavage reaction of obtained cyclic products
Chukhajian Emma H, The Scientific Technological Centre of Organic and Pharmaceutical Chemistry of National Academy of Sciences, Republic of Armenia

END OF DAY 1

Day 2 : September 14, 2018 (Friday) @ Olimpica 2

Moderator Michalina Stawowy, Wrocław University of Science and Technology, Poland

Keynote Presentations

09:00-09:30 Title: Process design: Un-biased selection and use of catalysis options (chemo-, bio-, photo-) from start to finish (technology platform development to product coming from industrial plant)
Q. B. Broxterman, InnoSyn B V, The Netherlands

09:30-10:00 Title: A new approach for modeling catalytic processes in Industrial column apparatuses
Christo Boyanov Boyadjiev, Institute of Chemical Engineering, Bulgarian Academy of Sciences, Bulgaria

10:00-10:30 Title: Electroenzymatic catalysis for electrical energy production
Serge Cosnier, Grenoble Alpes University, France

10:30-11:00 Title: ZnO based photocatalysts for enhanced urban air purification
Luis Sánchez Granados, Universidad de Córdoba, Spain

11:00-11:30 Title: Tuning zeolitic parameters for the trapping and elimination of pollutants and toxic gases- application in automotive cold-start and nuclear safety
Bruno Azambre, University of Lorraine, France

11:30-11:50	**Coffee Break**	**@ Foyer**
	Session on: Catalysis & Applications | Environmental Catalysis & Green Chemistry | Spectroscopy in Catalysis | Recent trends in Catalysis & Chemical Engineering	
Session Chairs :	Stanislaw Dzwigaj, Sorbonne Universités, France Q. B. Broxterman, InnoSyn B V, The Netherlands Luis Sánchez Granados, Universidad de Córdoba, Spain	
11:50-12:10	Title: Catalytic routes to Vitamin A Acetate Jan Schütz, DSM Nutritional Products, Switzerland	
12:10-12:30	Title: Plasma modification of α-Fe_2O_3 supported nanomaterials for photocatalytic and photoelectrochemical applications Alberto Gasparotto, Padova University, Italy	
12:30-12:50	Title: In-situ and Operando soft X-ray absorption spectroscopy on water oxidation catalysts Kathrin Maria Aziz-Lange, Helmholtz-Zentrum Berlin für Materialien und Energie, Germany	
12:50-13:10	Title: Deactivation/regeneration cycles of Rh/C and Ru/C for the valorization of chloromethanes by hydrodechlorination María Martín Martínez, Universidad Autónoma de Madrid, Spain	
13:10-13:30	Title: A study on simultaneous reduction of CH_4 and NO_x of NGOC/de-NO_x catalysts for CNG buses Choong Kil Seo, Howon University, Republic of Korea	
13:30-14:20	**Lunch Break**	**@ Hotel Restaurant**
14:20-14:40	Title: Infrared spectroscopy for ranking zeolite acidity: The VTIR method Montserrat Rodriguez Delgado, University of the Balearic Islands, Spain	
14:40-15:00	Title: Cyclodextrins as a versatile tool for Organometallic catalytic processes Sébastien Tilloy, University of Artois, CNRS, UCCS, France	
15:00-15:20	Title: A near ambient pressure X-ray photoelectron spectroscopy study on Platinum nanoparticles supported on Zr-based metal organic frameworks Reza Vakili, The University of Manchester, UK	
15:20-15:40	Title: Innovative flow reactor to study the nature of active species in Suzuki- Miyaura reaction of Iodoacetophenone with Phenylboronic acid in Ethanol Amine Bourouina, Laboratoire de Genie des Procédés Catalytiques, France	
15:40-16:00	Title: Cerium based metal organic frameworks for catalytic CO_2 conversion Michalina Stawowy, Wrocław University of Science and Technology, Poland	
16:00-16:20	Title: Modelling hyaluronan degradation by streptococcus pneumoniae hyaluronate lyase Vinh Q. Mai, National University of Ireland Galway, Ireland	
16:20-16:40	**Coffee Break**	**@ Foyer**
16:40-17:00	Title: Adsorption of perfluorinated surfactants on activated carbon: Role of the adsorbent's surface chemistry Navid Saeidi, Helmholtz Center for Environmental Research-UFZ, Germany	

17:00-17:20	Title: Fisher-Tropsh synthesis in the presence of dispersed catalysts on the basis of ir-pyrolysed metal-polymer systems Ivantsov Mikhail Ivanovich, A.V. Topchiev Institute of Petrochemical Synthesis, RAS, Russian Federation
17:20-17:40	Title: Tuning acidity in metal organic frameworks-based catalysts for enhanced production of Butyl Butyrate as a biofuel additive Asmaa Bilal Jrad, American University of Beirut, Lebanon
17:40-18:00	Title: Catalysis of Zeolitic Imidazole framework-7: Non-Phosgene route for Methyl N-Phenyl Carbamate synthesis Deliana Dahnum, Korea Institute of Science and Technology, Republic of Korea

Day 2 : September 14, 2018 (Friday) Hall: 2 (Breakout)

Session on: Electrochemistry, Photoelectrochemistry & Photocatalysis | Homogeneous catalysis, Molecular Catalysis | Catalysis for Energy | Chemical Engineering

Session Chairs :	Christophe LEN, Chimie ParisTech, France Byeong-Kyu Lee, University of Ulsan, Republic of Korea
11:50-12:10	Title: Electrochemical optimization of platinum and gold nanogap interdigitated electrode arrays Volha Matylitskaya, Vorarlberg University of Applied Sciences, Austria
12:10-12:30	Title: TiO_2- Carbon derivatives composite photocatalyst for advanced and affordable wastewater treatment Anca Duta, Transilvania University of Brasov, Romania
12:30-12:50	Title: Molybdenum disulfide (MoS_2) based photocatalysts for photocatalytic hydrogen production S.V. Prabhakar Vattikuti, Yeungnam University, Republic of Korea
12:50-13:10	Title: Polymeric metal Schiff base complexes as catalysts for photoelectrocatalytic hydrogen peroxide production Oleg Levin, St. Petersburg State University, Russian Federation
13:10-13:30	Title: Particulate photocatalyst sheets for scalable Z-scheme photocatalytic water splitting Siang-Piao Chai, Monash University, Malaysia
13:30-14:20	**Lunch Break** **@ Hotel Restaurant**
14:20-14:40	Title: Effects of surface Ni and Zn oxo-nanoclusters on TiO_2 for solar light photocatalysis Andraž Šuligoj, University of Ljubljana, Slovenia
14:40-15:00	Title: Molecular catalysts for water oxidation in a homogenous solution and heterogeneous surface Masayuki Yagi, Niigata University, Japan
15:00-15:20	Title: In-situ Raman spectroscopic monitoring of mechanochemical preparations of energy-related materials Nikola Biliškov, Ruđer Bošković Institute, Croatia
15:20-15:40	Title: Ozonation in a Multi-Orifice oscillatory baffled column Marco Paulo Gomes Sousa Lucas, Universidade de Trás-os-Montes e Alto Douro, Portugal
15:40-16:00	Title: Novel Ir(III)-PC(sp^3)P bifunctional catalysts for additive-free production of H_2 by dehydrogenation of neat Formic acid: Experimental and theoretical study Dmitri Gelman, The Hebrew University, Israel

16:00-16:20	Title: Interfacial novel phenomena on Heterogeneous Photocatalysis Hideyuki Okumura, Kyoto University, Japan
16:20-16:40	**Coffee Break** **@ Foyer**
16:40-17:00	Title: Molecularly imprinted polymers electrochemical sensors: Form macro to micro molecules detection Rasha Mohamed El Nashar, Cairo University, Egypt
17:00-17:20	Title: SCR of NO with C_3H_6 over iron modified Ag/Al_2O_3 catalysts supported on honeycomb ceramic Yaxin Su, Donghua University, China
17:20-17:40	Title: Two-step water splitting under visible light by using Polyoxometalate as shuttle redox mediator Osamu Tomita, Kyoto University, Japan
17:40-18:00	Title: Selectivity controlled with transient operation Javier Fernandez-Garcia, University of Leeds, United Kingdom

END OF DAY 2

Day 3 : September 15, 2018 (Saturday) @ Olimpica 2

Moderator Navid Saeidi, Helmholtz Center for Environmental Research-UFZ, Germany

Keynote Presentations

09:00-09:30	Title: Novel Perovskite catalysts for solid oxide fuel cells and water splitting Zhonghua (John) Zhu, The University of Queensland, Australia
09:30-10:00	Title: Kinetics in heterogeneous catalysis for DeNOx reactions: How to relate catalytic to surface properties Pascal Granger, University of Lille, France
10:00-10:30	Title: Valorization of chloromethane wastes to valuable hydrocarbons by hydrodechlorination with supported metal nanoparticles catalysts Luisa María Gómez Sainero, Universidad Autónoma de Madrid, Spain
10:30-11:00	Title: Modified Mahoney-Robinson reactor using a static catalytic foam characterization and catalytic applications Valérie Meille, University of Lyon, France
11:00-11:30	Title: Applications of visible light-driven photocatalysts to photocatalytic degradation and PEC water splitting Byeong-Kyu Lee, University of Ulsan, Republic of Korea
11:30-11:50	**Coffee Break** **@ Foyer**
11:50-12:20	Title: Catalysis for biomass conversion to traffic fuel compounds Juha Lehtonen, VTT Technical Research Centre of Finland Ltd, Finland

Session on: Chemical Kinetics & Catalysis | Industrial Catalysis | Catalysis in Nanotechnology | Catalysis for renewable sources | Chemical Synthesis & Catalysts Synthesis | Research in Catalysis

Session Chairs :	Pascal Granger, University of Lille, France Luisa María Gómez Sainero, Universidad Autónoma de Madrid, Spain Valérie Meille, University of Lyon, France
12:20-12:40	Title: Nanoparticle beam deposition: A novel route to the creation of heterogeneous catalysts Richard E. Palmer, Swansea University, United Kingdom
12:40-13:00	Title: Kinetic modelling of glycerol oxidation on metallic supported catalysts Pascal Fongarland, University of Lyon 1- LGPC, France
13:00-13:20	Title: Demonstration of a Kilo-scale continuous hydrogenation Eneritz Fernandez-Puertas, GlaxoSmithKline, United Kingdom
13:20-14:10	**Lunch Break** **@ Hotel Restaurant**
14:10-14:30	Title: Designing “Nanogold-on-Carbon” catalysts for green production of Gluconates and Glyphosate Boris L. Moroz, G. K. Boreskov Institute of Catalysis, Russia
14:30-14:50	Title: Nanoscale platinum particles @ nanostructured carbon materials for catalytic reduction of endocrine-disruptors Samia Mahouche-Chergui, University Paris-Est Creteil, France
14:50-15:10	Title: Study of kinetics and mechanisms of catalytic pyrolysis of biomass components by using linear free energy relationships and TPD-MS Tetiana Kulik, Chuiko Institute of Surface Chemistry NASU, Ukraine
15:10-15:30	Title: Prolong the catalyst life cycle of naphtha catalytic reforming process by optimization of operating conditions Sorood Zahedi Abghari, Research Institute of Petroleum Industry (RIPI), Iran
15:30-15:50	Title: Selective oxidation of free mono- and oligosaccharides using photocatalysis Gwladys Pourceau, University of Picardie Jules Verne, France
15:50-16:10	Title: Controlled generation of binary nanoparticles for catalysis research Maria Chiara Spadaro, Swansea University, United Kingdom
16:10-16:30	Title: Bioconvection in Darcy-Forchheimer flow of Maxwell nanofluid using Cattaneo-Christov heat flux model Muhammad Suleman, Jiangsu University, China
16:30-16:50	Title: Transport phenomena in nanoalloys of nonmiscible Au-Pt Ilia Smirnov, Institute of Physical Chemistry of the Polish Academy of Sciences, Poland
16:50-17:10	Title: Investigation of Zr-promoted Cobalt based Fischer–Tropsch catalyst at high syngas conversion Yahya Zamani, Research Institute of Petroleum Industry(RIPI), Iran
17:10-17:30	Title: Synthesis of Co-Mn-Fe/γ-Al2O3 catalyst for light olefins production Flor Shayegh, Research Institute of Petroleum Industry(RIPI), Iran

End Note

17:30-17:50	**Coffee Break** **@ Foyer**

We wish to meet you again at our other Magnus Catalysis Events

Catalysis and Chemical Science

March 11-13, 2019, Singapore
https://catalysiscongress.com/
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Catalysis and Green Chemistry

May 13-14, 2019, Tokyo, Japan
https://catalysis-conferences.com/
Email: greenchemistry@magnusmeetings.com

Catalysis, Chemical Engineering and Technology

September 16-18, 2019, London, UK
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