

## Conference and Exhibition

Sep 04 - 06, 2017 Rome, Italy

Day 1-September 04, 2017	
08:30-09:00	Registrations & Opening Cermony
<b>Keynote presentations</b>	
09:00-09:30	Title: Transition of the Black Sea from lacustrine to marine 8 to 5 kyr BCE and the role possibly of the River Styx
	David Z. Piper, U.S. Geological Survey, USA
09:30-10:00	Title: Transition metal free, Cu or Fe catalyzed arylation of nucleophiles: from the academic discovery and mechanistic studies to the industrial applications
	Marc Taillefer, CNRS (ICGMontpellier), France
<b>Sessions: Biochemistry and Medicinal Chemistry, Industrial Chemistry and Green Chemistr, Environmental and Geochemistry, Electrochemistry and Corrosion</b>	
<i>Session chair1</i>	
<i>Session chair2</i>	
10:00-10:20	Title: Antiprotozoan drug discovery targeting methionyl-tRNA synthetase (MetRS)
	Erkang Fan, University of Washington, USA
10:20-10:40	Title: The catalytic mechanism and strategy of GTP cyclohydrolase IB
	Manal Swairjo, San Diego State University, USA
10:40-11:00	Title: Nano catalysis supported on graphene and metal-organic frameworks for clean energy and environmental applications
	Samy El-Shall, Virginia Commonwealth University, USA
<b>11:00-11:15 Refreshment break @</b>	
<b>11:15-11:30 Group Photo</b>	
11:30-11:50	Title: Preparation of novel nucleoside analogues from Cyclobutane precursors as potential antiviral gents
	Edward Lee-Ruff, York University, Canada
11:50-12:10	Title: Azopolymers as light-responsive platforms for cell culture applications
	Silvia Davila, Istituto Italiano di Tecnologia, Italy
12:10-12:30	Title: Design, synthesis, and cytotoxicity of 5-fluoro-2-methyl-6-(4-aryl-piperazin-1-yl) benzoxazoles
	W. Michael Zoghaib, Sultan Qaboos University , Oman
12:30-12:50	Title: Fluorinated and non-fluorinated quaternary ammonium salts as bioactive agents against neglected parasitic diseases
	Rogelio Ocampo-Cardona, Universidad de Antioquia, Columbia
12:50-13:10	Title: Design of aldose reductase inhibitors based on quinoxalinone
	Changjin Zhu, Beijing Institute of Technology , China
13:10-13:30	Title:
	Kalpana Singh,

<b>13:30-14:10 Lunch Break @</b>	
<i>Session chair1</i>	
<i>Session chair2</i>	
<b>14:10-14:30</b>	<b>Title: Industrial Routes to CO2 Utilization – Status, Catalysis and Life-Cycle-Analysis</b>
	<b>Thomas Ernst Müller</b> , RWTH Aachen University, Germany
<b>14:30-14:50</b>	<b>Title: Degradation (wastewater treatment) and synthesis of organic compounds in photocatalytic membrane reactors (PMRs)</b>
	<b>Raffaele Molinari</b> , University of Calabria, Italy
<b>14:50-15:10</b>	<b>Title: Effect of nitrogen ligands on the activity of palladium catalysts</b>
	<b>Anna Trzeciak</b> , University of Wrocław, Poland
<b>15:10-15:30</b>	<b>Title: A thermodynamic study of the glycerol acetylation process</b>
	<b>Ionut Banu</b> , University “Politehnica” of Bucharest, Romania
<b>15:30-15:50</b>	<b>Title: Hydrogenation and dehydrogenation of 5-hydroxymethylfurfural to diformylfuran in compressed carbon dioxide</b>
	<b>Hajime Kawanami</b> , National Institute of Advanced Industrial Science and Technology, Japan
<b>15:50-16:10 Refreshment break @</b>	
<b>16:10-16:30</b>	<b>Title: Water, wastewater and leachates treatment by magnetic particles</b>
	<b>Paulo Augusto</b> , University of Salamanca, Spain
<b>16:30-16:50</b>	<b>Title: Recent advances and current trends in innovative technologies for soil remediation</b>
	<b>Teresa Cândiad Barbosa Castelo Grande</b> , University of Porto, Portugal
<b>16:40-17:00</b>	<b>Title: Coal seam gas and agribusiness as complementary industries</b>
	<b>Syeda U. Mehreen</b> , The University of Queensland, Australia
<b>Panel Discussion</b>	
<b>Day 2 - September 05, 2017</b>	
<b>Sessions: Multidisciplinary Chemistry, Chemicals and Materials Science</b>	
<i>Session chair1</i>	
<i>Session chair2</i>	
<b>09:00-09:20</b>	<b>Title: Metal analysis of deer hooves in central Alabama: Sentinels of deer health, nutrition, and the environment</b>
	<b>Maureen Kendrick-Murphy</b> , Huntingdon College, USA
<b>09:20-09:40</b>	<b>Title: Strong metal-support interaction and catalytic edge-effects for controlling electrical transport in nanocontacts to nanowires</b>
	<b>Alex Lord</b> , Swansea University, UK
<b>09:40-10:00</b>	<b>Title: Freezing induced ordering of block-copolymer micelles – an innovative route to multi-porous silica monoliths</b>
	<b>Michaela Klotz</b> , CNRS/Saint-Gobain, France
<b>10:00-10:20</b>	<b>Title: Nature inspired small molecules: Chemistry for biology</b>
	<b>Kamal Kumar</b> , Max Planck Institute of Molecular Physiology, Germany
<b>10:20-10:40</b>	<b>Title: Simulating the selectivity of a molecular imprinted polymer for the ibuprofen</b>
	<b>Riccardo Concu</b> , University of Porto, Portugal
<b>10:40-11:00 Refreshment break @</b>	

11:00-11:20	<b>Title: Deep eutectic solvents as green alternative for the extraction of valuable compounds from food industry</b>
	Elena Alañón, University of Granada, Spain
11:20-11:40	<b>Title: Chemistry and Pharmacology of Citrus sinensis</b>
	María Del Rayo Camacho-Corona, Universidad S/N Ciudad Universitaria, Mexico
11:40-12:00	<b>Title: Three different dimensions ternary composite (tio2nfs/rgo/cds) for environmental applications: synthesis and optical characterization</b>
	Kaveri Satheesh, Dhanalakshmi College of Engineering, India
12:20-12:40	<b>Title: Sandwich-type Zn-metalloporphyrins-pseudo-binary oxides nanostructures</b>
	Eugenia FAGADAR-COSMA, Institute of Chemistry Timisoara of Romanian Academy, Romania
12:40-13:00	<b>Title: Photoreaction-Induced phase separation of multicomponent polymers as a route to design specialty polymers</b>
	Qui TRAN-CONG-MIYATA, Kyoto Institute of Technology, Japan
<b>13:00-13:50 Refreshment break @</b>	
13:50-14:10	<b>Title: Modeling Hydrogen-Metal Interactions</b>
	Xiaowang Zhou, Sandia National Laboratories, USA
14:10-14:30	<b>Title: Oligomeric poly(acetalester) based on formaldehyde as sustainable feedstock for fuel, chemical and polymer applications</b>
	Thomas Ernst Müller, RWTH Aachen University, Germany
14:30-14:50	<b>Title: Photoelectrochemistry of Hematite in aqueous solution under visible light irradiation</b>
	Yasuhisa Maeda, Shizuoka University, Japan
14:50-15:10	<b>Title: Blue color emission and its color tuning based on self-aggregation for neutral palladium(II) complexes</b>
	Kazuteru Shinozaki, Yokohama City University, Japan
15:10-15:30	<b>Title: Synthesis and characterization of new mono and bi-nuclear ferrocene derivatives connected via a cross-conjugated prop-2-en-1-one bridge</b>
	Alexander Trujillo, Universidad Andres Bello, Chile
15:30-15:50	<b>Title: Recent development in structure-activity relationship of organotin (IV) complexes</b>
	Asha Jain, University of Rajasthan, India
<b>15:50-16:10 Refreshment break @</b>	
16:10-16:30	<b>Title: Highly efficient OLEDs with negligible efficiency roll-off fabricated with luminescent materials featuring AIE and TADF</b>
	Zujin Zhao, South China University of Technology, China
16:30-16:50	<b>Title: Quartz crystal microbalance: A versatile experimental technique in the study of interfacial chemistry</b>
	Dilushan Jayasundara, University of Colombo, Sri Lanka
16:50-17:10	<b>Title: Application of Smart Materials in Textiles</b>
	Ali Akbar Merati, University of Technology, Iran
<b>17:10-17:40 Poster presentations</b>	

Day 2 - September 05, 2017 Hall 2	
<b>Keynote presentations</b>	
09:00-09:20	Title: Metal analysis of deer hooves in central Alabama: Sentinels of deer health, nutrition, and the environment
	Miguel Yus, Chiral N-sulfinyl imines: New discoveries
09:20-09:40	
<b>Slot Available</b>	
<b>Sessions: Organic Chemistry</b>	
09:40-10:00	Title: Development of a highly efficient manufacturing process of the Nav1.7 inhibitor GDC-0276
	Andreas Stumpf, Genentech, A Member of the Roche Group, USA
10:00-10:20	Title: Asymmetric hydrogenation of $\alpha$ -benzamido acrylate esters in water
	Styliani (Elita) Pastra-Landis, Wheaton College, USA
10:20-10:40	Title: Organocatalyzed synthesis of functionalized and biologically active Vinylphosphonates
	MAFFEI Michel, Aix Marseille Université, France
10:40-11:00	Title: Enantiomerically enriched Polysubstituted 4-Nitroprolinates: Preparation and synthetic applications
	Carmen Nájera, Universidad de Alicante, Spain
<b>11:00-11:20 Refreshment break @</b>	
11:20-10:40	Title: New metal free oxidative cross-coupling reactions on aldehydes and alcohols
	Lidia De Luca, Università degli Studi di Sassari, Italy
11:40-12:00	Title: Bifunctional iron catalysts: Synthesis and applications
	Jean-Luc RENAUD, Université de Caen Normandie, France
12:00-12:20	Title: New Zinc and Iron catalysts for transesterification
	Takashi Ohshima, Kyushu University, Japan
12:20-12:40	Title: Pt-catalyzed hydrative cyclizations for synthesis of Icetexane natural products
	Chang Ho Oh, Hanyang University, Korea
12:40-13:00	Title: Mild, rapid and efficient metal-free synthesis of 2-aryl-4-aryloxyquinolines via direct Csp <sup>2</sup> -O bond formation by using diaryliodonium salts
	César R. Solorio-Alvarado, Universidad de Guanajuato, Mexico
<b>13:00-13:50 Refreshment break @</b>	
13:50-14:10	Title: Noncovalent substrate-directing effect in enantioselective Heck reactions-Recent applications in organic synthesis
	Carlos Roque Correia, State University of Campinas - UNICAMP, Brazil
14:10-14:30	Title: Effect of CH/P exchange on the aromaticity/anti aromaticity of carbocyclic systems: A DFT investigation
	Raakhi Gupta, The IIS University, India
14:30-14:50	Title: Use of Brønsted concepts on azlactone reactions
	Giovanni Wilson Amarante, Federal University of Juiz de Fora, Brazil
14:50-15:10	
<b>Slot Available</b>	

15:10-15:30	<b>Slot Available</b>
15:30-15:50	<b>Slot Available</b>
<i>15:50-16:10 Refreshment break@</i>	
16:10-16:30	<b>Slot Available</b>
16:30-16:50	<b>Slot Available</b>
16:50-17:10	<b>Slot Available</b>
<i>Panel Discussion</i>	
<b>Day 3 - September 06, 2017</b>	
<i>Sessions: Nano Particles, Colloids and Emulsions Plastics, Paints and Synthetic Materials, Electrochemistry and Corrosion</i>	
<i>Session chair1</i>	
<i>Session chair2</i>	
09:00-09:20	<b>Title: Synthesis of magnetic nanoparticles for the development of nano robotics for biomedical studies</b> Toru Maekawa, Toyo University, Japan
09:20-09:40	<b>Title: Photocharging dynamics in colloidal semiconductor nanostructures</b> Donghai Feng, Technische Universität Dortmund, Germany
09:40-10:00	<b>Title: Quantifying the influence of the crowded cytoplasm on small molecule diffusion</b> Osamu Hayashida, Fukuoka University, Japan
10:00-10:20	<b>Title: Advanced nanostructured materials for HER applications</b> Vivek Bagchi, Institute of Nano Science and Technology, India
<i>10:20-10:40 Refreshment break @</i>	
10:40-11:00	<b>Title: The normal-auxeticity mechanical phase transition and mechanochemistry in graphene</b> Qing Peng, University of Michigan, USA
11:00-11:20	<b>Title: Experimental and theoretical study of melting of polymer blends in a starve fed single screw extruder</b> Krzysztof J. Wilczynski, Jordan University of Science and Technology, Jordan
11:20-11:40	<b>Title: Niobium-doped Titanium Oxide with rutile structure as anode materials for Li-Ion battery and Na-Ion battery</b> Hiroki SAKAGUCHI, Tottori University, Japan
11:40-12:00	<b>Title: The concept for electrochemical cleaning wastewater</b> Alexander Shimkevich, NRC Kurchatov Institute, Russia
12:00-12:20	<b>Title: Response of gas phase Fischer Tropsch products of differently reduced catalysts to changes in operating conditions</b> Gorimbo Joshua, University of South Africa, South Africa
12:20-12:40	<b>Title: Probing the chemical state of a catalyst after H<sub>2</sub> reduction by in situ X-Ray Photoelectron Spectroscopy</b> Labrini Sygellou, Institute of Chemical Engineering Sciences (ICE-HT), Greece

## Speaker Slot Available

13:00-13:50 Lunch break@

13:50-14:10	<b>Title: Assessment of the composition of transition metal oxide nanofilms through X ray photoelectron spectroscopy</b> <b>Alberto Herrera-Gomez, Jordan University of Science and Technology, Jordan</b>
14:10-14:30	<b>Title: Synthesis of nanostructured chemical materials modified electrodes for applications of electroanalysis, electrochemical biosensor and electrocatalysis applications</b> <b>Shen-Ming Chen, National Taipei University of Technology, Taiwan</b>
14:30-14:50	<b>Title: WURCS: Web3 Representation for Carbohydrate Structures</b> <b>Issaku Yamada, The Noguchi Institute, Japan</b>
14:50-15:10	<b>Title: Attenuated total reflectance fourier transformation Infrared Spectroscopy fingerprinted online monitoring of the kinetics of circulating butyrylcholinesterase enzyme during metabolism of bambuterol</b> <b>Sherif M. Eid, October 6 university, Egypt</b>
15:10-15:30	<b>Title: Preparation of superhydrophobic coatings of Poly[(2-Perfluorohexyl)ethyl Methacrylate]</b> <b>Mahmoud Naseri, Malayer University, Iran</b>
15:50-16:10	<b>Title: Study of natural radioactivity in soil and some food crops from Karo district post eruption of mount Sinabung North Sumatera, Indonesia</b> <b>Harlem Marpaung, Universitas Sumatera Utara Medan, Indonesia</b>
	<b>Networking and Round Table discussions</b>
	<b>Awards ceremony</b>

For Available speaker slots please contact [chemistryworld@innovinc.org](mailto:chemistryworld@innovinc.org) or submit your abstract @

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Speaker Slots and timings are subjected to change depending on the intimation from the speaker