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Scientific Program

European

Chemistry Conference 2018

July 4-6, 2018 Rome, Italy

Day 1 - July 4, 2018 - Olimpica 3+4

08:30-09:00	Registrations
09:00-09:30	Opening Ceremony

Keynote Forum

09:30-10:00	Title: The Utility of Low T and Anisotropically Driven Fabrication in Morphologically-Biased Functionality in <i>Nano</i> -Ceramics William T. Petuskey , Arizona State University, USA
10:00-10:30	Title: Catalysis of Reactions of Allyltin Compounds and Organotin Phenoxides Wojciech Kinart , University of Lodz, Poland
Coffee Break: 10:30-10:45 @ Foyer Area	
10:45-11:30	Title: Pyrones to Aromatics. Sustainable Routes to Chemicals George A. Kraus , Iowa State University, USA

Session 1: Analytical Chemistry & Biochemistry & Agricultural Chemistry & Biological & Physical Chemistry and Computational Chemistry

Session Chairs: [Sławomir Filipek](#), University of Warsaw, Poland
[Stefano Pieraccini](#), University of Milan, Italy

11:30-11:50	Title: Mechanism and Regulation of a Membrane Protein Chaperone Shu Ou Shan , California Institute of Technology, USA
11:50-12:10	Title: In Silico Design and Experimental Characterization of an Oligopeptide Targeting the Ebola Virus VP24 Protein Stefano Pieraccini , University of Milan, Italy
12:10-12:30	Title: Methods Differentiating Agonists and Non-Agonists Binding to GPCRs (G-Protein-Coupled Receptors) Sławomir Filipek , University of Warsaw, Poland
12:30-12:50	Title: A Novel Approach to Assess the Total Antioxidant Capacity (TAC) by Flow Injection Analysis Sirirat Panich , Rajamangala University of Technology, Thailand
Lunch Break: 12:50-14:00 @ Restaurant	

14:00-14:20	Title: An Extended Electron Approach to the General Many-Body Problem Thomas Pope , Newcastle University, United Kingdom
14:20-14:40	Title: The Unpaired Electron Spin Density Distribution in Reduced [2Fe-2S] Clusters by ¹³ C _β -Cysteine Labeling Alexander T. Taguchi , Massachusetts Institute of Technology, USA
14:40-15:00	Title: COGRIMEN – Coarse-Grained Method for Modeling of Biological Systems in Implicit Environments Przemysław Miszta , University of Warsaw, Poland
15:00-15:20	Title: The Mechanism of Ligand Binding to CB1 Cannabinoid Receptor Jakub Jakowiecki , University of Warsaw, Poland
Coffee Break: 15:20-15:35 @ Foyer Area	

15:35-15:55	Title: Chromophoric Interaction in <i>Donghaeanadokdonensis</i> Rhodopsin Mihir Ghosh , Weizmann Institute of Science, Israel
15:55-16:15	Title: Non-Aqueous Solvent Based on Protein- Polymer Surfactant Conjugates Kamendra P. Sharma , Indian Institute of Technology, India
16:15-16:35	Title: Drug-DNA Interaction on Combed DNA Fibres Hemendra Yadav , University of Rajasthan, India

Day 2 - July 5, 2018 - Olimpica 3+4

Keynote Forum

09:30-10:00	Title: Nano-Coating of Silicon Oxynitride on Titania Nanotubes and its use in Sensors at Ambient Temperature Indu B Mishra , Arizona State University, USA
10:00-10:30	Title: Electronic Properties of Various B-Doped Diamond (111)/Dye Molecule Interfaces Karin Larsson , Uppsala University, Sweden
10:30-11:00	Title: Tuning Photocatalytic Semiconducting Materials for Environmental and Greenchemistry Hyoyoung Lee , Sungkyunkwan University, South Korea
Coffee Break: 11:00-11:15 @ Foyer Area	

11:15-11:45	Title: Carbon-Based Catalytic Materials for Energy Conversion Jie-Sheng Chen , Shanghai Jiao Tong University, China
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Session 2: Nanochemistry & Materials Chemistry and Polymers Chemistry & Environmental Chemistry and Green Chemistry & Organic Chemistry and Inorganic Chemistry

Session Chairs: [William Petuskey](#), Arizona State University, USA
[Abdul-Rahman Al-Betar](#), King Fahd University of Petroleum and Minerals, Saudi Arabia

11:45-12:05	Title: Subcellular Organelle Targeting Photosensitizer Joon Myong Song , Seoul National University, South Korea
12:05-12:25	Title: Haloenol Phosphates: Their Preparation and Application in Organic Synthesis Tomas Tobrman , UCT Prague, Czech Republic

12:25-12:45	Title: Optically Thin (< 15 nm) Silver and Copper Films with a Dense Array of Tiny Holes Ross A. Hatton , University of Warwick, United Kingdom
12:45-13:05	Title: Surfactant Free Synthesis of Platinum Nanoparticles for (Electro) Catalysis Jonathan Quinson , University of Copenhagen, Denmark
Lunch Break: 13:05-14:00 @ Restaurant	
14:00-14:20	Title: Production of Silver Nanoparticles by Spent Coffee Grounds Extracts Antonio Zuurro , La Sapienza University of Rome, Italy
14:20-14:40	Title: Transition-Metal Catalyzed Carbon-Heteroatom Bond Formation Hee Yeon Cho , Loyola University Chicago, USA
14:40-15:00	Title: Electronic Structure, Magnetic Behavior and Impedance Spectroscopy of Fe Doped Ba _{0.7} Sr _{0.3} TiO ₃ Ceramics Anumeet Kaur , Guru Nanak Dev University, India
15:00-15:20	Title: Mixed Inorganic Hydrate Salts as Sustainable Thermal Energy Storage Technology: Synthesis and Thermal Behavior Investigation Hanane Ait Ousaleh , University Hassan II of Casablanca, Morocco
Coffee Break: 15:20-15:35 @ Foyer Area	

Session 3: Nuclear Chemistry and Electrochemistry & Medicinal and Clinical Chemistry & Surface Chemistry & Pharmaceutical Chemistry

Session Chair: **Ramiro Quintanilla Licea**, Universidad Autónoma de Nuevo León, México

15:35-15:55	Title: Development of Potent Inhibitors of the DNA-Dependent Protein Kinase Celine Cano , Newcastle University, UK
15:55-16:15	Title: Electrodeposition of Neodymium in Room Temperature Ionic Liquid Electrolyte Batric Pesic , University of Idaho, USA
16:15-16:35	Title: Antiprotozoal Activity Against <i>Trypanosoma cruzi</i> (Chagas Disease) of Constituents of <i>Lippia graveolens</i> Kunth (Mexican Oregano) Ramiro Quintanilla Licea , Universidad Autónoma de Nuevo León, México
16:35-16:55	Title: Immobilization of Electroactive Species into Polyaniline/Metal Oxide Composite Films Abdul-Rahman Al-Betar , King Fahd University of Petroleum and Minerals, Saudi Arabia
16:55-17:15	Title: Bulk, Surface and Catalytic Properties of Metal Carbides: A Systematic DFT Study Matthew G. Quesne , Cardiff University, UK
17:15-17:35	Title: The Role of Chiral of Essential Oils in Medicinal Chemistry Khaled Sekkoum , University of Bechar, Algeria

Day 3 - July 6, 2018 - Olimpica 3+4

Poster Presentations: 10:00-13:00 @ Olimpica 3+4

Poster Judges: **Indu B Mishra**, Arizona State University, USA; **Wojciech Kinart**, University of Lodz, Poland
Ramiro Quintanilla Licea, Universidad Autónoma de Nuevo León, México

Coffee Break: 11:00-11:15 @ Foyer Area

P1	Title: Synthesis and Characterization of Polymeric Membrane for the Removal of Selected Heavy Metal Ions from Aqueous Media M. A. Jafar Mazumder , King Fahd University of Petroleum and Minerals, Saudi Arabia
P2	Title: NMR and Electron Microscopy Structural Studies of the <i>E. coli</i> Class Ia Ribonucleotide Reductase Alexander T. Taguchi , Massachusetts Institute of Technology, USA
P3	Title: Relationship between Sweetness and Structure of Sweet-Tasting Protein, Brazzein Kwang Hoon Kong , Chung-Ang University, South Korea
P4	Title: Carbohydrate Based Molecular Transporters for Drug Delivery Jungkyun Im , Soonchunhyang University, South Korea
P5	Title: Design, Synthesis and Biological Evaluation of 2-Anilinopyrimidine-Based Selective Inhibitors Against Triple Negative Breast Cancer Cell Line Hwayoung Yun , Pusan National University, South Korea
P6	Title: The Ligand Binding to the Gamma-Secretase Complex Jakub Jakowiecki , University of Warsaw, Poland
P7	Title: The Homology Modeling Service GPCRM for Construction of GPCR Models Przemysław Miszta , University of Warsaw, Poland
P8	Title: Novel Carbon Dot for Glucose Analysis Using Standard Addition Paper Device Eduardo Luiz Rossini , UNESP, Sao Paulo State University, Brazil
P9	Title: NMR-Based Methodology for Roasted Coffee Adulteration Maria Izabel Milani , UNESP, Sao Paulo State University, Brazil
P10	Title: Efficient Nano-Catalytic Hydrogenation and Etherification of 5-Hydroxymethyl-2-Furaldehyde to 2,5-Bis(Alkoxy)methyl) Furans Under Mild Conditions Jung Won Kim , Kangwon National University, South Korea
P11	Title: Human Serum Albumin Nanostructures Generated by Ionizing Radiation Karolina Radomska , Lodz University of Technology, Poland
P12	Title: Metallosupramolecular Architectures Derived from Aroylhydrazone Ligands Visnja Vrdoljak , University of Zagreb, Croatia

P13	Title: Effects of Substituents on s-Triazine Reactivity Sedef Ozcan, Bogazici University, Turkey
P14	Title: Microbial Transformation of Testosterone by <i>Cladosporium cladosporioides</i> Ali Kuru, Sakarya University, Turkey
P15	Title: Investigation on <i>In-Situ</i> Chain End Modification of Polyesters by Succinic and Phthalic Anhydrides Aysenur Ozdemir, Bogazici University, Turkey
P16	Title: Investigation of PET Synthesis via Solution Polymerization Technique Isil Yesil, Bogazici University, Turkey
P17	Title: Synthesis of Polyester Networks through Ionic Interactions Goknil Susler, Bogazici University, Turkey
P18	Title: Synthesis of Self-UV-Protective Polyesters by the Reaction of Resorcinol with Iso/Terephthaloyl Chloride Refia Tigrak, Bogazici University, Turkey
P19	Title: Synthesis of Novel Acetal-Based Formaldehyde-Free Crosslinkers Şule Nihal Oz, Bogazici University, Turkey
P20	Title: Application of Metallic Nanoparticles in LDI MS and Mass Spectrometry Imaging Justyna Sekula, Rzeszow University of Technology, Poland
P21	Title: Spot Test Paper Platform Coupled with DLLME for Detection of Furosemide Doping Eduardo Luiz Rossini, UNESP, Sao Paulo State University, Brazil
P22	Title: Interconnection of Charge Neutrality Level with Electronic Structure and P-D Hybridization and its Modification upon Electronic Excitations Arkaprava Das, Inter University Accelerator Centre, India
P23	Title: Small-Molecule PERK Inhibitors as a Promising, Anticancer Treatment Approach Wioletta Rozpędek, Medical University of Lodz, Poland
P24	Title: Investigation for Characterization of Paraffinic Deposit from Oil Production Mariem Samcha, Entreprises Tunisienne d'Activités Pétrolières, Tunisia
P25	Title: Treatment of Petroleum Drill Cuttings using Stabilization/Solidification Method and Pollutant Loading Characterisation Sonia Barbouchi, Entreprise Tunisienne d'Activités Pétrolières, Tunisia
P26	Title: Practical Aerobic Oxidation of Alcohols: Ligand Enhanced TEMPO/Mn(NO ₃) ₂ Catalyst System Kalle Lagerblom, University of Helsinki, Finland
P27	Title: Development of Analytical Method Based on Systematic Approach of Column Preconcentration/Determination of Toxic Metal Ions in Environmental Samples Using Graphene Oxide Based Solid Phase Extractant Suneel Kumar, Indian Institute of Science Education and Research, India
P28	Title: Synthesis and Characterization of Chitosan Nanoparticles in the Pharmaceutical Application F. Damiri, University Hassan II of Casablanca, Morocco
P29	Title: Metal-Organic Frameworks for Luminescent Sensing and White LED Yuanjing Cui, Zhejiang University, China
P30	Title: Lipase Immobilization on Facile Synthesized Polyaniline-Coated Silver-Functionalized Graphene Oxide Nanocomposites as Novel Biocatalysts Mohd Shamoon Asmat, Aligarh Muslim University, India
P31	Title: Quantitative Determination of Heavy Metals in Some Commonly Consumed Herbal Medicines in Kano State, Nigeria Aliyu Umar, Kano State Polytechnic, Nigeria
P32	Title: Hierarchical Supramolecular Cross-Linking of Polymers for Biomimetic Fracture Energy Dissipating Sacrificial Bonds and Defect Tolerance under Mechanical Loading Teemu T. T. Myllymäki, University of Helsinki, Finland
P33	Title: Modeling of the Effective Thermal Conductivity of Natural Composite Materials Said Sair, University Hassan II of Casablanca, Morocco
P34	Title: Exploration of Polyfunctional Flavonoids Based Compounds in Alzheimer's Disease: Design, Synthesis and Biological Evaluations Manjinder Singh, Chitkara University, India
P35	Title: Investigation of Temperature Dependent Transport Characteristics of Polyaniline Films Modified with Gold Nanoparticles Lakhwant Singh, Guru Nanak Dev University, India

Lunch Break: 13:00-14:00 @ Restaurant

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2nd European Chemistry Conference 2019

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