Tentative Program

4th European Organic Chemistry Congress

March 01-03, 2018 | London UK



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

euroorganicchemistry@chemistryconference.org

4th European Organic Chemistry Congress

March 01-03, 2018 | London UK

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
		09.00-09.15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

40 Speakers on Day 2

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		

40 Speakers on Day 3

Conference Highlights

- Elementary concepts of organic chemistry
- Organometallic compounds
- Bioorganic chemistry
- Carbohydrates and phenols
- Stereochemistry
- Analytical techniques in organic chemistry
- Carboxylic acids and its derivatives
- Chemical bonding
- Cheminformatics
- Green and environmental chemistry
- Polymers and monomers
- Bio-chemistry and agricultural chemistry
- Catalysis of organic reactions
- Physical organic chemistry
- Natural product chemistry
- Flow Chemistry
- Spectroscopy & Photochemistry

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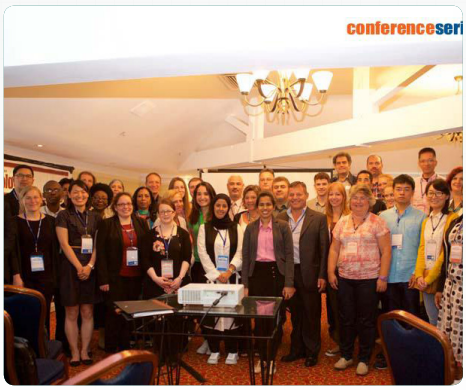
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Past Conferences Organic Chemistry 2017



















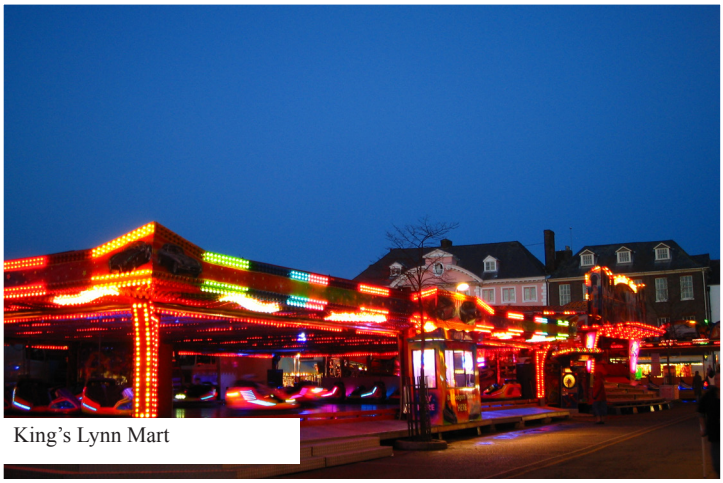
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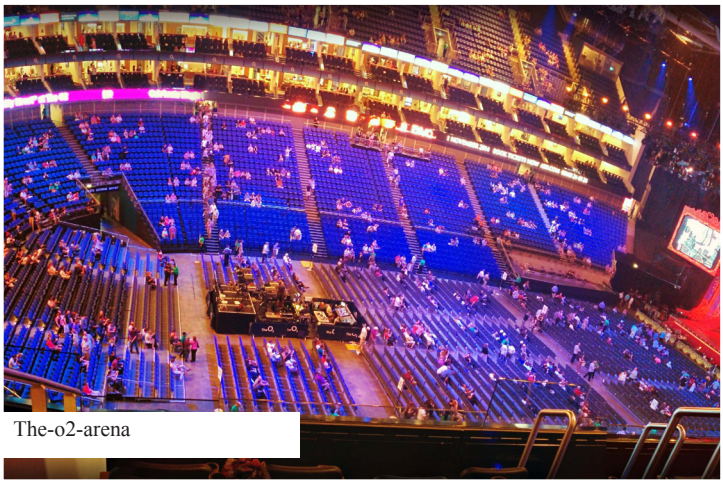
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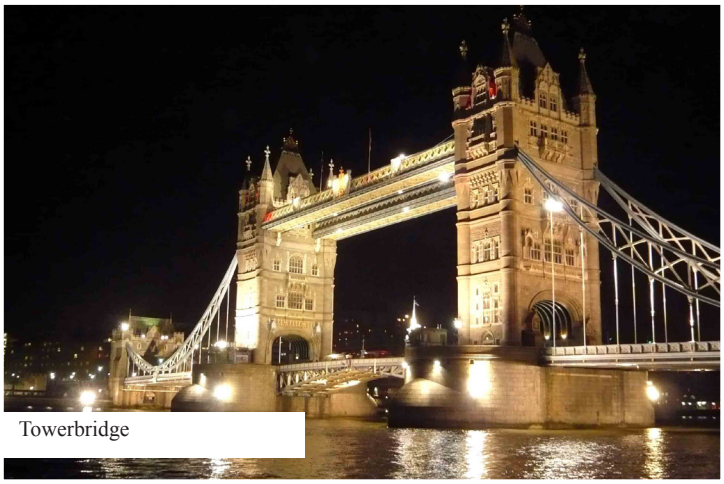
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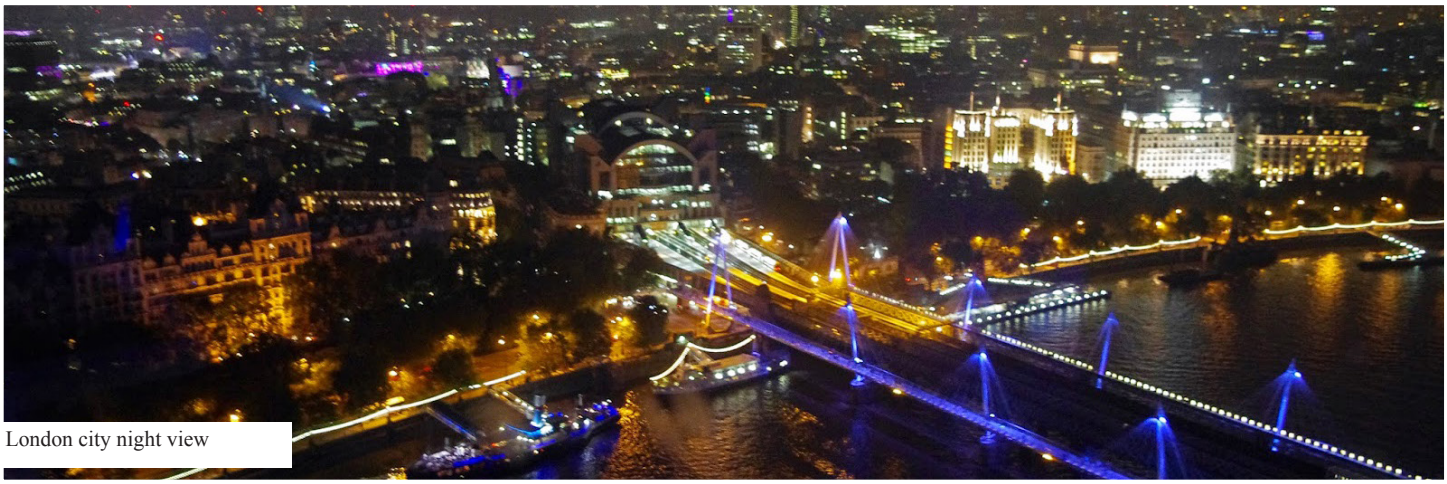
London-Night-View



The-o2-arena



Towerbridge



London city night view

Conference Venue

London UK



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Scientific Program

Proceedings of

2ND EUROPEAN ORGANIC CHEMISTRY CONGRESS

March 02-03, 2017
Amsterdam, Netherlands



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Registrations

Meeting Place 2

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Opening Ceremony

Keynote Forum

Introduction

Title: Fascinating boron-nitrogen-containing heteroaromatic compounds- Electronic structure analysis

Anna Chrostowska, Université de Pau et des Pays de l'Adour, France

Title: Peptidyl derivatives of diaryl 1-aminoalkylphosphonates as a new potential antibacterial and antiviral agents

Józef Oleksyszyn, Wrocław University of Technology, Poland

Title: Studies in natural product synthesis: Elevenol, Iodopyridone and isoquinocyclinone

Ulrich Koert, Philipps University, Germany

Title: Studies on Angolan medicinal plants

Dina Mendonça, University of Beira Interior, Portugal

Networking and Refreshment Break @ Perfection

Sessions: Organometallic Compounds | Bioorganic Chemistry | Carbohydrates and Phenols | Stereochemistry | Green and Environmental Chemistry | Natural Product Chemistry

Session Chair: Binne Zwanenburg, Radboud University Nijmegen, Netherlands

Session Co-chair: Brendan A Burkett, Technology and Research (A*STAR), Singapore

Session Introduction

Title: Concise routes to fused azole heterocycles and their application in the synthesis of potential drug candidates

Neelakandha S Mani, Janssen Pharma R&D, USA

Title: Homogeneous N-H activation of ammonia by iridium and rhodium organometallic complexes

Miguel Ángel Casado, University of Zaragoza, Spain

Title: Focusing on practical aspects of synthetic carbohydrate chemistry: Opportunities for simplification and innovation

Alfonso Iadonisi, University Federico II, Italy

Title: One-pot synthesis of nucleotides and conjugates

Béatrice Roy, Université de Montpellier, France

Title: News organometallic methodologies towards thioglycosides

Samir Messoudi, Université Paris-Sud, France

Lunch Break @ Restaurant The Gallery

Title: Influence of additives on the properties of ceramics from electrofusion corundum

Zaw Ye Maw Oo, D Mendeleev University of Chemical Technology of Russia, Russia

Title: Allylic substitutions of secondary allylic esters: Allylic picolinates with organocopper reagents and allylic phosphates with Ar_2CH anions

Yuichi Kobayashi, Tokyo Institute of Technology, Japan

Title: Determination of bioactive sexual ingredients from *panicum maximum* species and efficacy of the extract

Ochieng O Anthony, Sumait University, Tanzania

Title: A mild Cu(I)-catalyzed oxidative aromatization of indolines to indoles

Mark McLaughlin, Merck & Co., USA

Title: Ecofriendly synthesis of carbohydrate-derived heterocycles with potential antiproliferative activity

Verónica Luque-Agudo, University of Extremadura, Spain

Networking and Refreshment Break @ Perfection

Title: Nazarov cyclization mediated by a chiral sulfoxide: Lewis acid induced switch of torquoselectivity

Xavier J Salom-Roig, Université de Montpellier, France

Title: Challenges in process development of active pharmaceutical ingredients in view of green chemistry

Kaptan Singh, Sun Pharma, India

Title: Coherent-synchronized reaction of oxidation of pyridine "green oxidants" - H_2O_2 and N_2O

Tofik M Nagiev, Nagiev Institute of Catalysis and Inorganic Chemistry, Azerbaijan

Title: Characteristic of polycyclic aromatic hydrocarbons (PAHs) in urban air Jakarta

Miftahudin, University of Indonesia, Indonesia

Title: Human and ecologically-friendly organic light-emitting diode

Jwo-Huei Jou, National Tsing Hua University, Taiwan

Panel Discussion

Day 2 March 03, 2017

Meeting Place 2

Keynote Forum

Title: 1000 wastefree solid-state syntheses from 2 mmol to industrial scale and processes with 100% yield in 26 reaction types

Gerd Kaupp, University of Oldenburg, Germany

Title: Asymmetric methallylation of ketones catalyzed by a highly active organocatalyst 3, 3'-F2-BINOL and its application in synthesis of 11-β-HSD inhibitor

Yongda Zhang, Boehringer Ingelheim Pharmaceuticals, Inc., USA

Title: Synthesis of methane-linked *bis*-heterocycles containing the 1, 5-disubstituted-tetrazole moiety via Ugi-azide based methodologies

Rocío Gámez-Montaño, Universidad de Guanajuato, México

Title: Explorations in the unchartered world of 1, 4, 2-oxathiazole chemistry

Brendan A Burkett, Technology and Research (A*STAR), Singapore

Networking and Refreshment Break @ Perfection

Sessions: Elementary Concepts of Organic Chemistry | Analytical Techniques in Organic Chemistry | Carboxylic Acid and its Derivatives | Polymers and Monomers | Bio-Chemistry and Agricultural Chemistry

Session Chair: Béatrice Roy, Université de Montpellier, France

Session Co-Chair: Xavier J Salom-Roig, Université de Montpellier, France

Session Introduction

Title: Challenges and opportunities in process research: The development of Cu and Zn catalyzed asymmetric propargylations

Daniel R Fandrick, Boehringer-Ingelheim Pharmaceuticals Inc., USA

Title: Palladium tandem catalyzed 1, 5-sulfonyl migration/ suzuki-miyaura cross coupling reactions

Fatih Sirindil, University of Strasbourg, France

Title: Comprehensive transformation of alcohols catalyzed by *N*-halo organic compounds under green reaction conditions

Njomza Ajvazi, International Postgraduate School Stefan, Slovenia

Title: Chiral octahedral complexes as catalysts for enantioselective organic synthesis

Anil Kumar, Shri Mata Vaishno Devi University, India

Title: Catalysis with high density molecular monolayers for organic transformation

Kenji Hara, Tokyo University of Technology, Japan

Lunch Break @ Restaurant The Gallery

Poster Presentations @ Perfection

Poster Judge: Neelakandha S Mani, Janssen Pharma R&D, USA

EOC-01 **Title: Improved AdoMet analogs serve as nucleic acids labels**

Milda Nainyte, Vilnius University, Lithuania

EOC-02	**Title: Multivalent recognition of GlcNAc derivatives- WGA interaction by SPR and fluorospectroscopic methods** **Amrita Kumari,** Saitama University, Japan
EOC-03	**Title: Synthesis of aminocyclopetitol analogues via CSI-mediated stereoselective amination** **Han Pyo Son,** Sungkyunkwan University, South Korea
EOC-04	**Title: *Syzygium samarangense* as a great successor to acid-base indicator in 21st century** **Soh Ann Ching,** Pusat Tingkatan 6 SMK Johor Jaya 1, Malaysia
EOC-05	**Title: Friedel-Crafts acylation of veratrole with acetic anhydride for the synthesis of acetoveratrone using nanocrystalline ZSM-5** **Suzan A Khayyat,** King Abdulaziz University, KSA
EOC-06	**Title: Synthesis and biological evaluation of hybrid acridine-HSP90 ligand conjugates as telomerase inhibitors** **Rima Dakheelallah H Alharthy,** King Abdulaziz University, KSA
15:00-15:20	**Title: Recent development in the synthesis and synthetic applications of functionalized allylic compounds** **Farhat Rezgui,** University of Tunis El Manar, Tunisia
15:20-15:40	**Title: Strigolactones, new plant hormones with a rich future true challenges for organic chemists** **Binne Zwanenburg,** Radboud University Nijmegen, Netherlands
15:40-16:00	**Title: Addition of pyrazoles to crotonaldehyde in the presence of water** **Hasmik Khachatryan,** Institute of Organic Chemistry, Scientific Technological Center Organic and Pharmaceutical Chemistry NAS RA, Armenia
	Networking and Refreshment Break @ Perfection
16:15-16:35	**Title: *(E)*-and *(Z)*-Stereodefined parallel syntheses of multi-substituted α, β-unsaturated esters: Application to short step syntheses of both *(E)*-and *(Z)*-Zimelidines and Tamoxifens** **Hidefumi Nakatsuji,** Kwansei Gakuen University, Japan
16:35-16:55	**Title: Synthesis of polysubstituted nicotinates and azafluorenones** **Haruyasu Asahara,** Kochi University of Technology, Japan
16:55-17:15	**Title: Allium cepa.L as acid-base indicator** **Koo Thai Hau,** Form 6 Centre of SMK Taman Johor Jaya 1, Malaysia
17:15-17:35	**Title: Determination of relationship between pH and acid loading in gas treatment plant (amine unit)** **Hogr O Pirdawood,** Gas Treatment Plant (GTP) Laboratory and Water Treatment Unit (RO System), Iraq
	Panel Discussion
	Award & Closing Ceremony

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Scientific Program

4th European Chemistry Congress

May 11-13, 2017 Barcelona, Spain

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Registrations

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Opening Ceremony

Keynote Forum

Introduction

Title: Hybrid nanostructures made of gold nanoparticles and functional polymers: Chemistry and applications in sensors

Claire Mangeney, University Paris Diderot, France

Title: A Staudinger-diaza-Wittig tandem reaction and its application to the synthesis of 1H-indazoles, 1H-benzoindazoles and 1H-azaindazoles from (het)aryl azides

Eric Pasquinet, CEA, France

Networking & Refreshments @ Meeting Halls

Sessions: Organic Chemistry | Inorganic Chemistry | Analytical Chemistry | Green Chemistry: Green Chemical Principles | Materials Chemistry

Session Chair: Ju Chou, Florida Gulf Coast University, USA

Session Co-chair: Judit Tulla-Puche, University of Barcelona, Spain

Session Introduction

Title: The synthesis of complex marine depsipeptides

Judit Tulla-Puche, University of Barcelona, Spain

Title: Green synthesis and characterization of stable gold nanoparticles from various fruits juices and fruit waste for biomedical applications

Ju Chou, Florida Gulf Coast University, USA

Title: Electrodeposition of nickel on glassy carbon electrode: The rotating disk study

Batric Pesic, University of Idaho, USA

Title: Hydrogen generation from hydrous hydrazine using Ir-based nocatalysts

Davide Motta, Cardiff University, United Kingdom

Title: Phosphor solutions for the reduction of the time dependant intensity variation of AC LEDs

Simon Korte, Munster University of Applied Sciences, Germany

Title: On the VUV luminescence and degradation of UV-C emitting phosphors

Mike Broxtermann, Munster University of Applied Sciences, Germany

Title: Oxide materials chemistry using single crystal and powder X-ray and neutron diffraction

Tilo Sohnel, University of Auckland, New Zealand

Title: High temperature ceramic ionic conductors for hydrogen separation

Cecilia Mortalo, CNR-ICMATE, Italy

Group Photo

Lunch Break @ Mediteraneo

Sessions: Organic Chemistry | Inorganic Chemistry | Analytical Chemistry | Green Chemistry: Green Chemical Principles | Materials Chemistry

Session Chair: Batric Pesic, University of Idaho, USA

Session Co-chair: Cecilia Mortalo, Chemical Institute of Condensed Matter and Energy Technologies, Italy

Session Introduction

Title: Moving microdroplets in 3D using photochemopropulsion

David L Officer, University of Wollongong, Australia

Title: Understanding underlying chemistry for renewable energy materials and environmental remedies using first principles-based computational modelings

Byunghan Han, Yonsei University, South Korea

Title: Organic semiconductor materials for high efficiency dye-sensitized solar cells
Hwan Kyu Kim, Korea University, Korea
Title: Construction of functional structure by precise molecular-design
Hui Li, Beijing Institute of Technology, China
Title: Band-gap engineering for graphene by using low energy alkali metal ions
Jinwook Chung, Pohang University of Science and Technology, Korea

Networking & Refreshments @ Meeting Halls

Title: Development and validation of a voltammetric method for the determination of antimony in aqueous medium
Hugo Romero B, Technical University of Machala, Ecuador
Title: P-BGCE - photoreduction of benzophenone in green chemistry using an alternate solvent ethyl alcohol
Geeta Verma, Chandra Shehkar Azad Govt Post Graduate Nodal College, India
Title: Synthesis of 5-membered heterocyclic systems by the pummerer reaction
Diego Gamba-Sanchez, University of Los Andes, Colombia
Title: Fused multifunctionalized dibenzoselenophenes from tetraynes
Yimin Hu, Anhui Normal University, China
Title: Miniaturized wire ion trap for portable mass spectrometry
Daniel Austin, Brigham Young University, USA

Panel Discussion

Day 2 May 12, 2017

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Keynote Forum

Title: An umpolung approach to the Asymmetric α-Alkylation of aldehydes and ketones
Don M Coltart, University of Houston, USA
Title: Oxidative cross-dehydrogenative coupling with selective C-O bond formation
Alexander O Terentev, ZIOC RAS, Russia

Networking & Refreshments @ Meeting Halls

Sessions: Physical Chemistry | Environmental Chemistry | Theoretical Chemistry

Session Chair: Goncagul Serdaroglu, Cumhuriyet University, Turkey
Session Co-chair: Dorothee ARNS, Petrochemicals Europe, Belgium

Session Introduction

Title: Highly porous bio-based nanofibrous aerogels for removing cationic dyes from aqueous solutions
Sara Mousavi, ZHAW Life Sciences and Facility Management, Switzerland
Title: Hydrazine-borane derivates as promising chemical hydrogen storage system. A boron-nitrogen bond study by UV-photoelectron spectroscopy and quantum calculations
Javier Torres Escalona, IPREM, France
Title: The features of diamond nucleation on nanolevel prediction of diamondization of multilayered graphene
Pavel B Sorokin, National University of Science and Technology MISiS, Russian Federation
Title: CNFs-supported Pd series catalysts comparison for hydrogen evolution from additive free formic acid decomposition
Felipe Sanchez, Cardiff University, UK
Title: How macroeconomic factors shape the european petrochemicals industry
Dorothee ARNS, Petrochemicals Europe, Belgium
Title: Transfer dehydrogenation of 1-phenylethanol over supported palladium nanoparticles under mild conditions
Reem AlBilali, University of Dammam, Saudi Arabia
Title: Substituent effect on reactivity of βCCM: A computational study
Goncagul Serdaroglu, Cumhuriyet University, Turkey

Lunch Break @ Mediteraneo

Poster Presentations (ECPP001-ECPP014) 13:55 - 14:25

ECPP001 **Title: The importance of cyclic structure on labaditin activity against a gram-positive bacteria**
Barbosa S C, Instituto de Física de São Carlo, Brazil

ECPP002	**Title: Kinetic investigation of the formation of neodymium(III) porphyrin complexes** **Melitta Patricia Kiss,** University of Pannonia, Hungary
ECPP003	**Title: Facile synthesis of polyindole via emulsion polymerization: Effects of oxidant and surfactant types and doping** **Katesara Phasuksom,** Chulalongkorn University, Thailand
ECPP004	**Title: Electrically controlled release of ibuprofen from pectin hydrogel in transdermal drug delivery** **Sirivipa Mongkolkitikul,** Chulalongkorn University, Thailand
ECPP005	**Title: Porous zeolite y-alginate hydrogel composites for electrically controlled transdermal drug delivery** **Nophawan Paradee,** Chulalongkorn University, Thailand
ECPP006	**Title: Two cobalt-dicarboxylate metal-organic frameworks with photo-catalytic property** **Rong-Xin Yuan,** Changshu Institute of Technology, P R China
ECPP007	**Title: Continuous glucose monitoring sensors modified with nitric oxide-releasing nanofiber for improving biocompatibility: A freely-moving rat model** **Min ji Park,** Kwangwoon University, Korea
ECPP008	**Title: Development and validation of an analytical methodology for the simultaneous quantitative determination of synthetic cathinones in urine and plasma using GC-NCI-MS** **Rashed Alremeithi,** United Arab Emirates University, UAE
ECPP009	**Title: Synthesis of 1, 2, 3-triazole-linked salicylamide analogs as potent aurora kinase inhibitors** **Jae-Sang Ryu,** Ewha Womans University, Republic of Korea
ECPP010	**Title: Targeting CNS protein kinase as therapeutics for neurodegenerative diseases** **Jung-Mi Hah,** Hanyang University, Republic of Korea
ECPP011	**Title: Study of electrochemical performance: Olivine-monoclinic complexes of cathode material for Li-ion batteries** **Jiwon Lee,** University of Ulsan, Korea
ECPP012	**Title: A Theoretical Calculations of Band Gaps of conducting polymers with electron donor–acceptor unit** **Pervin Unal Civcir,** Ankara University, Turkey
ECPP013	**Title: Newly synthesized schiff bases: Structure analysis, theoretical IR, UV, 1H, 13C-NMR spectra and structureactivity relationship** **Ulku Dilek Uysal,** Anadolu University, Turkey
ECPP014	**Title: Newly synthesized Schiff bases: Structure analysis, theoretical IR, UV, 1H, 13C-NMR spectra and structureactivity relationship** **Ayse Aydogdu,** Anadolu University, Turkey

Poster Presentations (ECPP015-ECPP032)

ECPP015	**Title: Synthesis, characterization and anticancer activity of new organometallic ruthenium(II/III) complexes** **Hulya Ayar Kayali,** Dokuz Eylul University, Turkey
ECPP016	**Title: Comparison of thermal and physical properties of fossil and bio-based polycarbonates** **Min-Young Lyu,** Seoul National University of Science & Technology, South Korea
ECPP017	**Title: Structure characterization of 2,6-bis(2-hydroxyethyl)-1-phenylimidazo[1,5-c]-quinazoline-3,5-dione** **Agnieszka Szyszkowska,** The Rzeszow University of Technology, Poland
ECPP018	**Title: Theoretical IR, UV, 1H and 13C-NMR spectra of certain Schiff bases derived substituted-2-aminophenol and hydroxyl benzaldehyde** **Dila Ercengi,** Anadolu University, Turkey

ECPP019 **Title: Half-sandwich ruthenium-arene complex containing heterocyclic thiosemicarbazone: The X-ray crystal structures and DNA interactions**
Elif Subasi, Dokuz Eylul University, Turkey

ECPP020 **Title: The DFT Calculations on relationship between Solvation Energies and aromaticity of THβC, DHβC, βC**
Goncagul Serdaroglu, Cumhuriyet University, Turkey

ECPP021 **Title: Theoretical study on a newly approved pharmaceutical formulation active components-Indacaterol and Roflumilast**
Ulku Dilek Uysal, Anadolu University, Turkey

ECPP022 **Title: Computational study of the synthesis of pyrrole-pyrazines**
Pervin Unal Civcir, Ankara University, Turkey

ECPP023 **Title: Synthesis, characterization and anticancer activity of new organometallic ruthenium(II/III) complexes**
Hulya Ayar Kayali, Dokuz Eylul University, Turkey

ECPP024 **Title: Structure characterization of 2,6-bis(2-hydroxyethyl)-1-phenylimidazo[1,5-c]-quinazoline-3,5-dione**
Agnieszka Szyszkowska, The Rzeszow University of Technology, Poland

ECPP025 **Title: Theoretical IR, UV, 1H and 13C-NMR spectra of certain Schiff bases derived substituted-2-aminophenol and hydroxyl benzaldehyde**
Dila Ercengi, Anadolu University, Turkey

ECPP026 **Title: Collective hydration dynamics in some amino acid solutions: A combined GHz-THz spectroscopic study**
Nirnay Samanta, S N Bose National Centre for Basic Sciences, India

ECPP027 **Biophysical characterization of dynamic hysteresis and energetics of the gating processes of the voltage gated sodium ion channel using nonequilibrium response spectroscopy**
Krishnendu Pal, S N Bose National Centre for Basic Sciences, India

ECPP028 **Utilization of CO2 in petrochemical plants**
Ozge Yuksel Orhan, Hacettepe University, Turkey

ECPP029 **Novel organosoluble phthalocyanines bearing 2-(Benzylthio) ethoxy units: Synthesis and characterization**
Cigdem Yagci, Kocaeli University, Turkey

ECPP030 **Characterization of the pesticide detoxifying enzyme CdGSTM1-1 by kinetic analysis and differential scanning fluorimetry**
Fereniki Perperopoulou, Agricultural University of Athens, Greece

ECPP031 **Investigation of the interaction of the tau class glutathione tranferase with pesticides by differential scanning fluorimetry**
Foteini M Pouliou, Agricultural University of Athens, Greece

ECPP032 **Effect of hydrogen on catalytic activity of Ziegler-Natta catalysts prepared by different methods in ethylene polymerization**
Thanyathon Niyomthai, Chulalongkorn University, Thailand

Networking & Refreshments @ Meeting Halls

Title: DFT studies on copolymers of 3,4-Ethylenedioxythiophene/3-methylthiophene and pyrene
Nevin Kaniskan, Anadolu University, Turkey
Title: DNA N6-methyladenine modification from unicellular eukaryotes to mammals
Hailin Wang, Chinese Academy of Sciences, China
Title: Influence of different parameter in air gap membrane distillation for seawater desalination
Rochd Sanaa, Ben Msik Universite Hassan2 Casablanca, Morocco
Title: First principles study on the reaction mechanisms of hydrolysis reaction of PCl_3 and $POCl_3$
Hyunwook Jung, Yonsei University, Korea

Title: Physical and chemical characterisation of captagon tablets seized in dubai in 2016

Samar Gewily, Dubai Police Forensic Laboratory, UAE

B2B Meeting: Evgeniya Guskova Palladium Venture Fund, Spain

Day 3 May 13, 2017

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Sessions: Medicinal Chemistry | Materials Chemistry | Petro Chemistry | Multi-disciplinary Chemistry

Session Chair: Tuanli Ya, Shaanxi University of Science and Technology, China

Session Introduction

Title: Increasing affinity and selectivity for target proteins by peptide conjugation to small molecule ligands – extending interactions "just" outside of the binding pocket

Lars Baltzer, Uppsala university, Sweden

Title: Prussian blue analogues as battery materials for energy science

Yutaka Moritomo, University of Tsukuba, Japan

Networking & Refreshments @ Meeting Halls

Title: Palladium-Catalyzed Domino Heck/Aryne Carbopalladation/C-H Functionalization: Synthesis of Heterocycle-Fused 9,10-Dihydrophenanthrenes

Tuanli Ya, Shaanxi University of Science and Technology, China

Title: Tenskinmetry as a conceptually innovative Tensiometric Versus Skin pathway (TVS) for non-invasive evaluation of surface energy phenomena related to the epidermal functional state and its aging critical level

Antonio Bettero, University of Padova, Italy

Title: Sensors based on biomimetic porphyrin derivatives & their hybrid combinations with photonic nanoparticles

Eugenia Fagadar-Cosma, Institute of Chemistry Timisoara of Romanian Academy, Romania

Title: Characterization of lamb flavor using selected ion flow tube mass spectrometry (SIFT-MS)

Hardy Z Castada, The Ohio State University, USA

Title: Application of vegetable oils for extraction of rare-earth elements from water solutions

Denis L, Saint-Petersburg Mining University, Russia

Title: CO2 Utilisation: Waste or Resource for Chemical Industry

Ozge Yuksel Orhan, Hacettepe University, Turkey

Lunch Break @ Mediteraneo

Award & Closing Ceremony

Bookmark your dates

8th European Chemistry Congress

June 11-13, 2018 Paris, France

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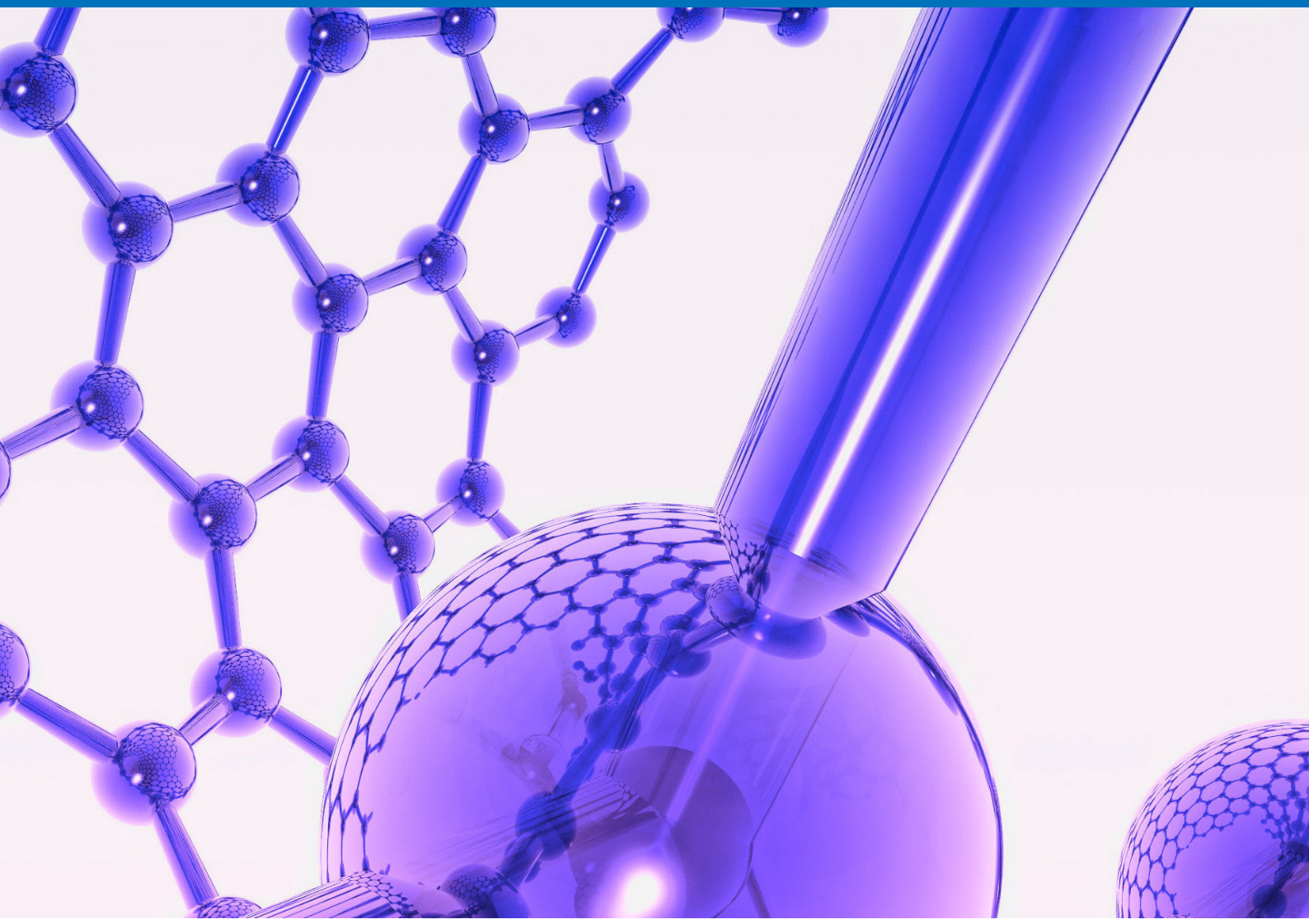
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International Conference and Exhibition on

Materials Chemistry

March 31-April 01, 2016 Valencia, Spain



OMICS International Conferences:
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Registrations

Melia Meeting 4 & 5

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Opening Ceremony

Keynote Forum

Introduction

Michael W. Tausch
University of Wuppertal, Germany

Jas Pal Badyal
Durham University, UK

Track 1: Materials Science and Engineering
Track 2: Informatics in Various Fields of Materials

Session Introduction

Session Chair: Urs Meier, Swiss Federal Laboratories for Materials Science and Technology, Switzerland

Session Co-chair: Jijeesh R Nair, Polytechnic University of Turin, Italy

Title: Molecular magnetic switches
Marat M. Khusniyarov, Friedrich-Alexander-University of Erlangen-Nuremberg, Germany
Title: The role of polymer electrolyte in constructing an aging resistant high energy lithium battery for wide temperature application
Jijeesh R Nair, Polytechnic University of Turin, Italy

Group Photo

Coffee Break @ Foyer

Title: The prediction of long-term creep data of fibrous polymer composites based on short term experiments
Urs Meier, Swiss Federal Laboratories for Materials Science and Technology, Switzerland
Title: Group III-Nitride semiconductor nanostructures for novel photonic applications
Yong-Hoon Cho, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
Title: Polymer derived boron nitride ceramics for energy applications
Philippe Miele, University of Montpellier, France
Title: Teaching from practice to theory
Mario Pablo Spector, National Technological University, Argentina
Title: Novel biological method for iron rust removal
S.Rajendran, Madurai Kamaraj University, India

Lunch Break @ Restaurant

Young Researchers Forum

Title: Towards more efficient upconverting materials based on $NaYF_4$ nanoparticles: Phase and size controlled synthesis and optical evaluation
Fabrizio Guzzetta, Universitat Jaume I, Spain
Title: High efficiency for photo-polymerizable VCP ester-amide resins: A universal concept providing low volume shrinkage, high reactivity and selectivity
Paul Pineda, University of Bayreuth, Germany
Title: Non-ionic UCST-type polymers: Synthesis and analysis of new thermoresponsive properties in aqueous media
Beatriz A Pineda-Contreras, University of Bayreuth, Germany
Title: Expanding the NMR palette: Insights on artificial charge separators
Brijith Thomas, Leiden Institute of Chemistry, Netherlands

Track 3: Role of Materials Chemistry in Pharmacy
Track 4: Design and Synthesis of Materials

Session Chair: Wlodzimierz Stanczyk, Polish Academy of Sciences, Poland

Session Co-chair: Bruno Bureau, Institut Universitaire de France, France

Title: Synthesis of the first POSS cage - anthracycline nano-conjugates
Wlodzimierz Stanczyk, Polish Academy of Sciences, Poland
Title: Synthesis of fine-controlled subano-metal particles using a dendrimer reactor
Kimihisa Yamamoto, Tokyo Institute of Technology, Japan
Title: Tellurium based glasses for far infrared and thermoelectric applications
Bruno Bureau, Institut Universitaire de France, France
Title: Game-based materials to teaching and learning the periodic table
Antonio Joaquín Franco-Mariscal, University of Malaga, Spain

Coffee Break @ Foyer

Title: Fibre structures for energy harvesting in wearables
Elias Siores, Bolton University, UK
Title: Microstructure evolution at different cooling rates of a low carbon microalloyed steel
Elena Brandaleze, National Technological University, Argentina

Day 2 April 01, 2016

Melia Meeting 4 & 5

Keynote Forum

Reshef Tenne
Weizmann Institute, Israel

Der-Jang Liaw
National Taiwan University of Science and Technology, Taiwan

Track 5: Foundational Challenges in Predictive Materials Chemistry
Track 6: Rational Chemical Synthesis on Nanoscale and Nanostructured Materials
Track 7: Polymer Materials and their Technology

Session Chair: Michael W. Tausch, University of Wuppertal, Germany

Session Co-chair: Ruben D. Costa, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

Session Introduction

Title: Photoprocesses in science education
Michael W. Tausch, University of Wuppertal, Germany
Title: Hybrid organic-inorganic materials for thin-film lighting technologies
Ruben D. Costa, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

Coffee Break @ Foyer

Title: Novel polymer-peptide conjugates and polymer-based peptidomimetics
Marc Devocelle, Royal College of Surgeons in Ireland (RCSI), Ireland
Title: Conjugated copolymers and their optimization for ambipolar field effect transistors
Martin Baumgarten, Max Planck Institute for Polymer Research, Germany
Title: Spectroscopic tools to study and interpret macromolecular dynamics at a molecular scale
Jorge Teno Diaz, Carlos III University of Madrid, Spain
Title: Ultrasonic fabrication of microfluidic polymer chips
Werner Karl Schomburg, RWTH Aachen University, Germany
Title: Synthetic polymers from easily available monossacharides
M. Gracia García-Martín, University of Seville, Spain

Lunch Break:@ Restaurant

Poster Presentations @ Foyer

PPMC001 **Title: Inclusion complexes of propiconazole nitrate with substituted β-cyclodextrins II: *In vitro* assessment of antifungal properties**
Irina Rosca, Petru Poni Institute of Macromolecular Chemistry, Romania

PPMC002 **Title: Inclusion complexes of propiconazole nitrate with substituted β-cyclodextrins: Synthesis, characterization and in silico assessment**
Narcisa Laura Marangoci, Petru Poni Institute of Macromolecular Chemistry, Romania

PPMC003 **Title: Silver nanoclusters doped in mordenite zeolite as photocatalysts toward pesticides**
Imad A Abu-Yousef, American University of Sharjah, UAE

PPMC004 **Title: Improving PLA properties through the incorporation of electrospun nanofibers based on PVA and cellulose nanowhiskers**
Carol Lopez de Dicastillo, Santiago de Chile University, Chile

PPMC005 **Title: Antimicrobial supercritical impregnation of nanocomposites for food packaging**
Maria Jose Galotto, Santiago de Chile University, Chile

PPMC006 **Title: Preparation and characterization of chitosan-co-hyaluronic acid cryogels**
Tugce Kutlusoy, Marmara University, Turkey

PPMC007 **Title: Synthesis and characterization of high performance polyimide nanofibers and application on lithium-ion batteries**
Emre Aytan, Marmara University, Turkey

PPMC008 **Title: Molecularly imprinted polymeric nanoparticle: Preparation and characterization**
Merve Yasar, Marmara University, Turkey

PPMC009 **Title: Novel macroporous poly-pickering-HIPE composites for heterogeneous photocatalysis**
Elif Yüce, Yalova University

PPMC010 **Title: Poly-pickering-HIPEs as heterogeneous photocatalysts**
Fatma Nur Parın, Yalova University

Track 8 : Applied Materials Chemistry
Track 9 : Current Innovations and Emerging Areas in Materials Chemistry
Track 10 : Research Aspects of Materials Chemistry
Track 11 : Science of Advanced Materials

Session Chair: Yan Huang, Brunel University London Institute of Materials and Manufacturing, UK

Session Co-chair: Yo Tanaka, RIKEN, Japan

Title: Solute effect on grain boundary migration in ultrafine/nanostructured materials
Yan Huang, Brunel University London Institute of Materials and Manufacturing, UK

Title: Application of ultra-thin flexible glass sheets to microfluidic devices
Yo Tanaka, RIKEN, Japan

Title: Nanoscale strategies towards development of advanced Mn-based permanent magnets
Felix Jimenez-Villacorta, Materials Science Institute of Madrid (ICMM-CSIC), Spain

Title: Sialon nano-composites matrix reinforced by cubic boron nitride prepared by using spark plasma sintering
Abbas Saeed Hakeem, King Fahd University of Petroleum & Minerals, Saudi Arabia

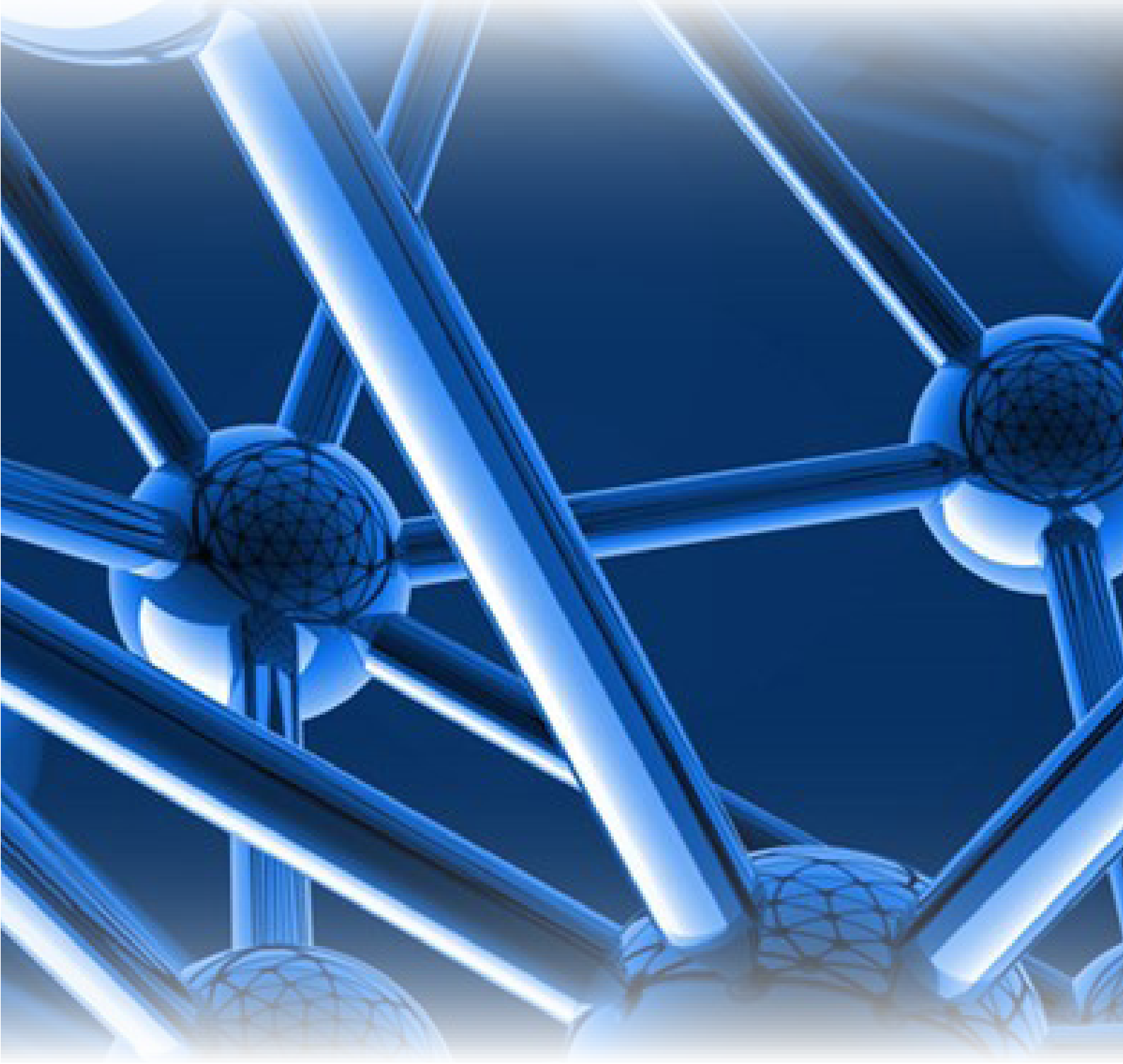
Title: Segregation of ions in deliquesced droplets of alkali halide nano-crystals on SiO_2
Kenta Arima, Osaka University, Japan

Title: Nanomechanics with nanotubes and fullerene-like-WS_2 (MoS_2)
Reshef Tenne, Weizmann Institute, Israel

Coffee Break @ Foyer

Video Presentation: One-pot waterborne superhydrophobic pigment coatings at high solids with improved scratch and water resistance
Agne Swerin, SP Technical Research Institute of Sweden – Chemistry, Sweden

Title: On the peculiar mechanical and tribological behavior of polymer nanocomposites with nanotubes of WS_2 and nanowires of $Mo_6S_2I_8$
Johann G Meier, ITAINNOVA Instituto Tecnológico de Aragón, Spain



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2nd International Conference and Exhibition on

Materials Chemistry

April 24-26, 2017 Frankfurt, Germany

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