Tentative Program



3rd International Conference on
Organic & Inorganic Chemistry

Chicago, USA July 17-19, 2017



Conference Secretariat

5716 Corsa Ave., Suite 110, West Lake, Los Angeles, CA 91362-7354, USA

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3rd International Conference On Organic & Inorganic Chemistry

Organic Chemistry 2017

July 17-19, 2017 Chicago, USA

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00		19 Speakers for Day 1
		Time	General Session	
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address	
		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)		

Day 2

Morning Sessions		Time	Session 1	Session 2	40 Speakers on Day 2
	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)	

Day 3

Morning Sessions		Time	Session 1	Session 2	40 Speakers on Day 3
	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 Ceremony				

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

For more Details: http://organicchemistry.conferenceseries.com

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Glimpses of Organic Chemisty Conferences













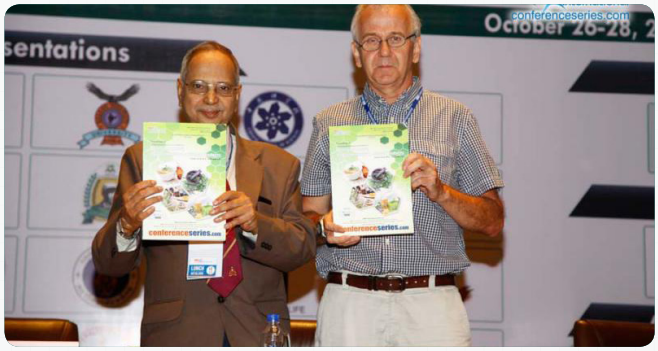


Glimpses of Organic Chemisty Conferences

















Best Tourist Destinations In Chicago



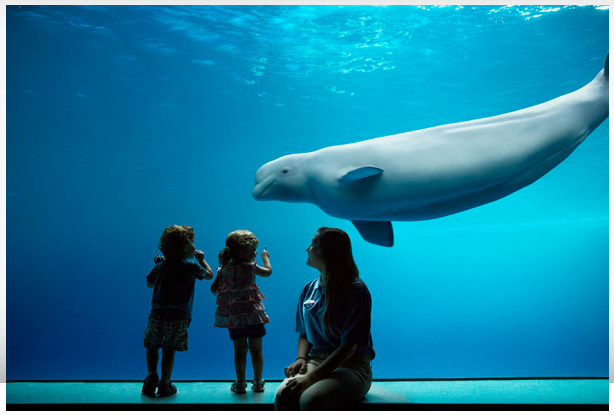
City View



Cloud Gate



Navy Pier



Shedd Aquarium



Field Museum of Natural History



Art Institute of Chicago

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605th Conference

Scientific Program

Proceedings of

International Conference on

Organic Chemistry

August 10-11, 2016 Las Vegas, Nevada, USA



Hosting Organization: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

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Scientific Program

Day 1 August 10, 2016

08:15-09:15 **Registrations**

Hall: Flemingo 1&2

conferenceseries.com **09:15-09:30** **Opening Ceremony**

Keynote Forum

Introduction

Title: A century of natural product synthesis: From concept to practice
Stephen Hanessian, Université de Montreal, Canada

Title: Contribution of Electrochemistry to Organometallic Catalysis
Anny Jutand, Ecole Normale Supérieure, France

Networking and Refreshments: 10:55-11:15 @ Foyer

Sessions:
Fundamentals and classification in organic chemistry | Structure, bonding and reactions in organic chemistry | Medicinal Chemistry, Drug synthesis methods and strategies, Innovation in organic asymmetry

Session Introduction

Session Chair: Mohammad Hayal Alotaibi, Petrochemical Research Institute, Kingdom of Saudi Arabia
Session Co-Chair: Chunying Duan, Dalian University of Technology, China

Title: A concise and atom-economical suzuki-miyaura coupling reaction using unactivated trialkyl and triarylboranes with aryl halides
Yong-Li Zhong, Merck & Co., Inc., USA

Title: Regioselective and enantioselective photoredox catalysis within self-active coordination space of a homochiral Ru(II)-metalloligand-based Pd(II) nanocages
Cheng-Yong Su, Sun Yat-sen University, China

Title: Selective dinitration of toluene over zeolites
Mohammad Hayal Alotaibi, Petrochemical Research Institute, Kingdom of Saudi Arabia

Title: New perspective on the synthesis with chiral aziridines
Hyun-Joon Ha, Hankuk University of Foreign Studies, Korea

Title: Merging multifunctional catalytic centers within homochiral metal-organic frameworks: New oppotunity for heterogeneous asymmetric catalysis
Chunying Duan, Dalian University of Technology, China

Lunch: 12:55-13:40 @ Atrium

Title: Synthesis of 9,10-phenanthrenes via palladium-catalyzed aryne annulation by o-halostyrenes and formal synthesis of (±)-tylophorine
Tuanli Yao, Shaanxi University of Science and Technology, China

Title: Dynamic fluorescence quenching of pd6(rul3)8 metal-organic cages (mocs) by ferrocene derivatives
Mei Pan, Sun Yat-sen University, China

Title: Copper-catalyzed cross-coupling of 1-haloalkyl-o-carboranes with grignard reagents: An efficient route to monosubstituted o-carborane derivatives
Ju You Lu, Modern Chemistry Research Institute, China

Title: Chloronium cations, R-Cl+-R, in condenced phases: Formation, thermal stability, and reactivity
Evgenii S Stoyanov, Novosibirsk Institute of Organic Chemistry, Russia

Title: Easily recyclable phosphonopeptides as organocatalysts for stereoselective C-C bond creation
Margery Cortes Clerget, University of California at Santa Barbara, USA

Sessions:
Organometallic chemistry

Session Introduction

Session Chair: Manoj Kumar, University of Nebraska-Lincoln, USA
Session Co-Chair: Hyosun Lee, Kyungpook National University, Republic of Korea

Title: Energy-efficient green catalyst: Supported gold, palladium nanoparticles
Yong Sheng Bao, Unlnner Mongolia Normal University, China

Networking and Refreshments: 15:40-16:00 @ Foyer

Title: Construction of highly functionalized compounds via metal free transformations
Hiroaki Sasai, Osaka University, Japan
Title: Theoretical modeling of alkanediol decomposition via metal free
Manoj Kumar, University of Nebraska-Lincoln, USA
Title: Catalytic properties and activity of copper and silver containing Al-pillared bentonite for CO oxidation
Suna BALCI, Gazi University, Turkey
Title: Catalytic study of late transition metal complexes in the polymerization of methyl methacrylate (MMA)
Hyosun Lee, Kyungpook National University, Republic of Korea
Title: A versatile catalyst for suzuki and sonogashira reactions of aryl iodides and bromides at room temperature in water as only solvent
Abdol R Hajipour, Isfahan University of Technology, Iran

Panel Discussion

Day 2 August 11, 2016

Hall: Flemingo 1&2

Keynote Forum

Title: Carbocations in condensed phases: Stabilization via hyperconjugation, polarization, and hydrogen bonding
Evgenii S Stoyanov, Novosibirsk State University, Russia
Title: Blue hazard free candlelight organic light emitting diode
Jwo Huei Jou, National Tsing Hua University, Taiwan

Sessions:
Biochemistry, Polymer Chemistry, Materials Chemistry | Modern Organic Chemistry and Applications | Physical Organic Chemistry

Session Introduction

Session Chair: Gregory A Weiss, University of California, USA
Session Co-Chair: John A Soderquist, University of Puerto Rico, USA

Title: Molecular encapsulation and ractivity with assembled baskets in water
Jovica Badjic, The Ohio State University, USA

Networking and Refreshments:11:00-11:15 @ Foyer

Title: 2-Naphthylmethoxymethyl: A Mildly Introducible and Oxidatively Removable Benzyloxymethyl-Type Protecting Group
Kohei Torikai, Kyushu University, Japan
Title: Multi-step enzymatic and organic synthesis with continuous flow, thin film fluidics
Gregory A Weiss, University of California, USA
Title: Design of novel block co-polymers for solution processing of advanced nanomaterials
Morgan Stefik, University of South Carolina, USA
Title: Asymmetric organoborane conversions via the amazing 9 borabicyclo [3.3.2]decanes
John A Soderquist, University of Puerto Rico, USA
Title: Enantioselective trapping of oxonium ylide with n-benzhydryl-α-imino ester: A rapid access to synthesis of β-tetrasubstituted α-amino acids
Shunying Liu, East China Normal University, China
Title: Transition metal-assisted total synthesis of natural products
Jozef Stec, Marshall B. Ketchum University, USA

Lunch: 13:20-14:05 @ Atrium

Sessions:
Advanced trends in organic chemistry | Natural products and heterocyclic chemistry

Session Introduction

Session Chair: María Del Rocío Gámez Montaño, Universidad de Guanajuato, Mexico
Session Co-Chair: Uttam K. Tambar, The University of Texas Southwestern Medical Center at Dallas, USA

Title: Ruthenium-catalyzed urea synthesis utilizing methanol as the c1 feedstock
Soon Hyeok Hong, Seoul National University, South Korea
Title: Synthesis of novel tetrazol-chromones via Ugi-azide reaction and *in vitro* studies for their antibiotic properties
María Del Rocío Gámez Montaño, Universidad de Guanajuato, Mexico
Title: Gold(I)/(III)-catalyzed synthesis of 2-substituted piperidines; valency-controlled cyclization modes
Nobuyoshi Morita, Showa Pharmaceutical University, Japan
Title: Allylic functionalization of unactivated hydrocarbons
Uttam K Tambar, The University of Texas Southwestern Medical Center at Dallas, USA
Title: Synthesis, optical spectroscopy and laser potential of pyrylium tosylates
P K Bhowmik, University of Nevada Las Vegas, USA

Networking and Refreshments:15:45-16:05 @ Foyer

Poster Sessions @ Atrium 16:05-17:00

Title: Anti-fungal activity of novel synthesized chiral schiff bases and their reduction products
Imad A Abu Yousef, American University of Sharjah, United Arab Emirates
Title: Synthesis of photoaffinity labeling reagents for aromatic -amino acids
Makoto Hashimoto, Hokkaido University Graduate School of Agriculture, Japan
Title: Chitosan as heterogeneous catalyst in michael additions: Reaction of cinnamonitriles with active methyl, active methylenes and phenols
Hamad Al Matar, Kuwait University, Kuwait
Title: Catalysis within metal-organic architectures
XU JING, Dalian University of Technology, China
Title: Pore size and interactions effect on removal of dyes with metal-organic frameworks
Ali Morsali, Tarbiat Modares University, Iran
Title: A New perylene diimide dye with powerful binding sites for metal ions
Courage Akpan, Eastern Mediterranean University, Turkey
Title: Design and synthesis of new chiral ionic liquids as potential antielectrostatic agents
Joanna Feder Kubis, Wrocław University of Technology, Poland
Title: Synthesis and *in vitro* anticancer activity of two thiazacridine derivatives
Marina Galdino da Rocha Pitta, Federal University of Pernambuco, Brazil
Title: Self-assembly, host-guest chemistry and visble-light induced dmso degradation of pd6(fel3)8 metal-organic cages
Ya Jun Hou, Sun Yat-sen University, China
Title: Dynamic fluorescence quenching of pd6(rul3)8 metal-organic cages (mocs) by ferrocene derivatives
Kai Wu, Sun Yat-sen University, China

Panel Discussion

Closing Ceremony



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3rd International Conference on

Organic Chemistry

July 24-26, 2017 Chicago, USA

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Scientific Program

European Chemistry Congress

June 16-18, 2016 Rome, Italy



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 June 16, 2016

07:50-08:20 **Registrations**

Olimpica 1 & 2

conferenceseries.com **08:20-08:40** **Opening Ceremony**

Keynote Forum

Title: Biomacromolecule poly[3-(3,4-dihydroxyphenyl)glyceric acid] with potential therapeutic effect

Vakhtang V Barbakadze, Tbilisi State Medical University, Georgia

Title: Carbohydrate microarrays for study of glycan associated biological events

Injae Shin, Yonsei University, Korea

Track 1: Fundamentals of Organic Chemistry
Track 2: Inorganic Chemistry
Track 3: Analytical Chemistry

Session Introduction

Session Chair: Ionel I Mangalagiu, "Al.I.Cuza" University of Iasi, Romania

Session Co-chair: Maia Merlani, Tbilisi State Medical University, Georgia

Title: An innovative method for the extraction and quantification of curcuminoids from a complex matrix
Jarintzi Yared Rico Ruiz, Euro-Nutec Premix SA de CV, Mexico
Title: Conjugates of hyaluronic acid with tyramine - synthesis and application
Radovan Buffa, Contipro Pharma, Czech Republic
Title: Diketopyrrolopyrroles - the journey from ferrari pigments to fluorescent functional dyes
Daniel T Gryko, Polish Academy of Sciences, Poland

Coffee Break: 10:30-10:40 @ Foyer

Title: Non-coulombic ionic crystals with non-alternate arrangement of complex cations and inorganic anions
Takumi Konno, Osaka University, Japan
Title: Toward molecular designing on graphene-based materials for catalytic applications
Sungjin Park, Inha University, South Korea
Title: Tailor-made synthesis of multilayered trimetallocyclophanes via transannula π-π Interactions
Ok-Sang Jung, Pusan National University, Korea
Title: Supramolecular catalysis within confined environment of metal-organic architectures
Chunying Duan, Dalian University of Technology, P R China
Title: Quantification of valproic acid in human plasma using high performance liquid chromatography-photodiode array
Yahdiana Harahap, Universitas Indonesia, Indonesia
Title: Validation guidelines of hydralazine hydrochloride spectrophotometric method
Laila A Al-Shatti, The Public Authority for Applied Education and Training, Kuwait

Group Photos

Lunch Break: 12:40-13:20 @ Restaurant

Title: Synthesis of ultramarine pigment from the mudstone of kutingkeng formation and the improvement of its refractory properties
S L Chen, National Cheng-Kung University, Taiwan
Title: New podants with azaheterocycles skeleton as smart versatile building blocks for multiple tasks
Ionel I Mangalagiu, "Al.I.Cuza" University of Iasi, Romania
Title: Analysis of *Botulinum* Neurotoxin A (BoNT/A) in pharmaceutical products using MALDI-TOF and LC-MS/MS
Yiu-chung Wong, Hong Kong Government Laboratory, Hong Kong
Title: Synthesis of natural biologically active poly[3-(3,4-dihydroxyphenyl)-glyceric acid] analogues
Maia Merlani, Tbilisi State Medical University, Georgia
Title: Preparation and synthetic application of 1-Azoniabicyclo[n.1.0]alkanes
Hyun-Joon Ha, Hankuk University of Foreign Studies, Korea
Title: Sulfur based metal complexes for synthesis of semiconductor nanoparticles
Makwena Justice Moloto, Vaal University of Technology, South Africa
Title: Functionalization of Keggin type nickel substituted phosphotungstate by immidazole: Synthesis, characterization and catalytic activity
Anjali Patel, The M S University of Baroda, India

Coffee Break: 15:40-15:50 @ Foyer

Track 4: Green Chemistry: Green chemical principles
Track 5: Medical Biochemistry

Session Introduction

Session Chair: Janis Gravitis, Latvian State Institute of Wood Chemistry, Latvia

Session Co-chair: M Paula Robalo, Instituto Politécnico de Lisboa, Portugal, Portugal

Title: Protein-specific approach to osteopontin purification from *Chlamydomonas reinhardtii*
Zivko Nikolov, Texas A&M University College Station, USA
Title: Green forest and agricultural waste bio-refinery techniques and breakthrough materials
Janis Gravitis, Latvian State Institute of Wood Chemistry, Latvia
Title: Photocatalytic H2-production by homogeneous and heterogeneous advanced materials
Peter Brüggeller, University of Innsbruck, Austria
Title: New conceptual diary liodonium salts for metal-free arylation of carboxylic acids and other coupling reactions
Toshifumi Dohi, Ritsumeikan University, Japan
Title: Loss mechanism in the open circuit voltage of polymer solar cells
Zhicai He, South China University of Technology, P R China
Title: Preparation and swelling capacity of superabsorbent polymer composites based on attapulgite clay
El-Refaie Kenawy, Tanta University, Egypt
Title: Laccases: biocatalysts towards new heterocyclic cores
M Paula Robalo, Instituto Politécnico de Lisboa, Portugal
Title: Effect of Quercetin and Apigenin on LDL receptor gene (LDLR) and Hydroxy-methyl glutrate reductase gene (*Hmgcr*) in a cholesterol attenuating trial.
Marwa E Kenawy, Tanta University, Egypt

Day 2 June 17, 2016

Olimpica 1 & 2

Keynote Forum

Title: Selectivity control of Au-catalyzed oxidation of glycerol in water
Bo-Qing Xu, Tsinghua University, China

Title: Functions of nucleic acids with non-canonical structures
Naoki Sugimoto, Konan University, Japan

Title: Pyrrolo[3,2-b]pyrroles-new electron-rich functional π-electron system
Daniel T Gryko, Polish Academy of Sciences, Poland

Coffee Break: 10:15-10:40 @ Foyer

Poster Presentations @ 10:15-11:40

Title: Unnatural fluoro-oxindole alkaloids produced by *Uncaria guianensis* plantlets
Adriana A Lopes, Universidade de Ribeirão Preto, Brazil
Title: Spectrophotometric investigation of early lanthanide(III) porphyrin complexes
Melitta Patrícia Kiss, University of Pannonia, Hungary
Title: Photoinduced heterogenous catalysis with TiO_2 and kaolinite
Orsolya Fónagy, University of Pannonia, Hungary
Title: Photocatalytic decomposition of a nonionic detergent
Hegedűs Péter, University of Pannonia, Hungary
Title: Patented method-based evaluation of the toxicity of some uncoupling dinitrophenol-like compounds
Marius Zaharia, Alexandru Ioan Cuza University, Romania
Title: Synthesis, antiproliferative activity and molecular docking of new colchicine derivatives
Adam Huczynski, Adam Mickiewicz University, Poland
Title: Antimycobacterial activity and QSAR studies of 2*H*-chromene and coumarin based hydrazones
Violina T Angelova, Medical University of Sofia, Bulgaria
Title: Selective and stoichiometric fatty acids sensing with a polydiacetylene liposome
Chang Wook Song, Pohang University of Science and Technology, Republic of Korea
Title: Novel two-photon dyes: Minimal autofluorescence in tissue imaging
Juryang Bae, Pohang University of Science and Technology, Republic of Korea
Title: Lysosomal zinc ions imaging with two-photon fluorescent probe
Hyeonjin Park, Pohang University of Science and Technology, Republic of Korea
Title: How to enhance fluorescence and two-photon properties of typical dipolar dyes in aqueous media?
Hyerim Kim, Pohang University of Science and Technology, Republic of Korea
Title: Ionic conductivity on cyano-bridged bimetal assemblies
Kosuke Nakagawa, The University of Tokyo, Japan
Title: A fluorenyl-based metal-organic framework with photocatalytic property
Rong-Xin Yuan, Changshu Institute of Technology, P.R.China
Title: Palladium nanoparticles supported on four different materials as efficient catalysts for suzuki cross-coupling reactions
Bilgehan Guzel, University of Cukurova, Turkey

Speaker Presentations to be continued

Track 6: Physical Chemistry
Track 9: Nuclear chemistry

Session Introduction

Session Chair: Piotr Cysewski, Nicolaus Copernicus University in Toruń, Poland
Session Co-chair: Ken Cham-Fai Leung, The Hong Kong Baptist University, Hong Kong

Title: Impacts of conformational geometries in fluorinated hydrocarbons
Tim Brandenburg, Helmholtz Zentrum Berlin, Germany
Title: Decarboxylative fluorination of carboxylic acids with heterogeneous catalysts
Giulia Tarantino, Cardiff University, UK
Title: Conceptual design of a nano-leaf for artificial photosynthesis
Jacinto Sá, Uppsala University, Sweden
Title: Fabrication and characterization of Pd-Ni porous membrane for hydrogen separation
Sun Hee Choi, Korea Institute of Science and Technology, South Korea
Title: Anti-inflammatory and wound healing activities of *Hemisgraphis alternata*
Joo Kheng Goh, Monash University Malaysia, Malaysia

Lunch Break: 12:20-13:00 @ Restaurant

Title: RNA self-assembly and RNA bio-nanotechnology
Luc Jaeger, University of California, USA
Title: Extraction and characterization of collagen from the white jellyfish (*Lobonema smithi Mayer.*)
Ubon Rerk-am, Thailand Institute of Scientific and Technological Research, Thailand
Title: Interfacial assembly and theranostic applications of organic-inorganic hybrid nanomaterials
Ken Cham-Fai Leung, The Hong Kong Baptist University, Hong Kong
Title: An efficient coformers selection for co-crystals screening of active pharmaceutical ingredients
Piotr Cysewski, Nicolaus Copernicus University in Toruń, Poland

Track 7: Biological Chemistry
Track 8: Environmental Chemistry
Track 10: Theoretical Chemistry

Session Introduction

Session Chair: Yanli Wang, National Center for Biotechnology Information, USA

Session Co-chair: Min Jae Lee, Seoul National University, Korea

Title: Data mining drug, chemical probe and their biological activity in PubChem
Yanli Wang, National Center for Biotechnology Information, USA
Title: NMR Molecular Replacement, NMR^2
Julien Orts, Swiss Federal Institute of Technology, Switzerland
Title: Opening the core particle gate of mammalian proteasomes to enhance their degradatory activity
Min Jae Lee, Seoul National University, Korea

Coffee Break: 15:20-15:45 @ Foyer

Poster Presentations @ 15:20-16:00

Title: Promotion of sorghum hybrids bran grown in southern italy for PHB ecological production by Sphingomonas cynarae
Roberta Romano, University of Salento, Italy
Title: Synthesis of NiO nanoparticles for new nanocomposite materials
Sevil Çetinkaya, Kirikkale University, Turkey
Title: Antioxidant activity of wild garlic extract (*Allium ursinum*) obtained by subcritical water extraction
Alena Tomsik, University of Novi Sad, Serbia
Title: Preparation of biological active steroids
Sevinc Ilkar Erdagi, Kocaeli University, Turkey
Title: Synthesis of 4-amino-N-4-pyridin-1,8-naphthalimide, a new ligand for complexes and metalorganic frameworks
Ulisses Fiorin Angelo, University of São Paulo, Brazil
Title: In vivo anti-wrinkle and anti-melasma activities of peptides isolated from Pigeon pea (*Cajanus cajan L. Millsp*)
Tuanta Sematong, Thailand Institute of Scientific and Technological Research, Thailand
Title: Effect of porogen type and cationic, anionic and nonionic surfactant ratio on the properties of porous polymer supports
Vesile Şima Ünnü, Kirikkale University, Turkey
Title: Polyaniline–Ionic liquid mixtures and their application in dye-sensitized solar cells
Sang Jun Lee, Kwangwoon University, Korea
Title: Air annealing technique to improve photoelectric properties of pristine graphene
Dapeng Wei, Chinese Academy of Sciences, China
Title: Development of lateral-flow immunoassay for the diagnosis of laryngopharyngeal reflux disease
Jiyoon Kwon, Kwangwoon University, Korea
Title: Characteristics of the different S=O, S-O, N---H, O---H and Na---O bonds into the powerful laxative sodium picosulphate drug and their effects on the properties
Silvia Antonia Brandan, Institute of Inorganic Chemistry, Argentina
Title: Multiresidue analysis of selected pharmaceutical compouds in poultry manure by gas chromatography–mass spectrometry

Title: Antimicrobial activity of collagen/silver doped hydroxyapatite composites against gram-pozitive and gram-negative bacteria
C L Popa, National Institute of Materials Physics, Romania
Title: The Nitrogen Cycle in air, soil and water
Reza Pashaei, University of Siena, Italy
Title: Tunable magnetic property and millimeter wave absorption property of ε-Fe_2O_3 by metal substutution
Asuka Namai, The University of Tokyo, Japan
Title: Anticonvulsant activity of newly synthesized benzoylhydrazones with 2*H*-chromene and coumarin moieties in ICR mice
Valentin Karabelyov, Medical University of Sofia, Bulgaria
Title: Perpendicularly-oriented microdomain ordering of lamella-forming PS-*b*-PMMA thin film observed by tuning film thickness
Wooseop Lee, Yonsei University, Republic of Korea
Title: Phase transition behavior of asymmetric polystyrene-b-poly(2-vinylpyridine) thin films under strong interfacial Interactions : A stable hexagonally modulated layer (HML) structure
Sungmin Park, Yonsei University, Republic of Korea
Title: Interaction between the hydroxyl functionalized PS and dPS in dry brush system
Seongjun Jo, Yonsei University, Republic of Korea
Title: Synthesis and characterization of new quaternary niobium selenites
Bongsu Kim, Chung-Ang University, Republic of Korea
Title: Polar noncentrosymmetric $ZnMoSb_2O_7$ and nonpolar centrosymmetric $CdMoSb_4O_{10}$: d_{10} transition metal size effect influencing the stoichiometry and the centricity
Hongil Jo, Chung-Ang University, Korea
Title: Effective removal of rare earth metals using surface-active agent
Dzhevaga Natalia Vladimirovna, National Mineral Resources University, Russia
Title: Thermodynamic characteristics of sorption extraction of anionic complexes of erbium with trilon B on weakly basic anionite
Ponomareva Mariya, National Mineral Resources University, Russia
Title: The interaction of 1-nitro- and 1-bromo-1-nitro-3,3,3-trifluoro(chloro)propenes with phenylazide

Speaker Presentations to be continued

Title: Arsenic speciation studies in *Oriza sativa* L. grown in wahalkada, Sri Lanka
Samanthika R Hettiarachchi, The Open University of Sri Lanka, Sri Lanka
Title: Effect of preanalytical techniques and variables on plasma ammonia determination
Ibraheem M Al-Qurashi, Taif University, Saudi Arabia
Title: Bioavailability and concentration of selected heavy metals from soils at the Ecton mining area with long-mining history of Cu, Pb, and Zn, Derbyshire, UK
Zahid O Alibrahim, Wolverhampton University, United Kingdom
Title: Ion-imprinted thermoresponsive fluorescent hydrogel for removal and determination of uranyl ion
Elif Gökçe Atçakan, Istanbul Technical University, Turkey
Title: Electrophilic phosphinidene complex affords novel organophosphorus compounds
Arif Ali Khan, Guru Gobind Singh Indraprastha University, India
Title: Synthesis of composite materials for chromatographic column separations
Amjad Mumtaz Khan, Aligarh Muslim University, India
Title: Regulation of electron transfer in nitric oxide synthase by conformational dynamics
Changjian Feng, University of New Mexico, USA
Title: Aggregation-free gold nanoparticles in ordered mesoporous carbons: towards highly active and stable heterogeneous catalysts for selective oxidation of alcohols and selective reduction of nitroarenes
Ying Wan, Shanghai Normal University, China

Day 3 June 18, 2016

Olimpica 1 & 2

Track 11: Medicinal Chemistry
Track 12: Materials Chemistry

Session Introduction

Session Chair: Brian W Dymock, University of Singapore, Singapore

Session Co-chair: Marc Le Borgne, Université Lyon, France

Title: Ruthenium organometallic compounds as promising anti-metastatic drugs for breast cancer chemotherapy
M Helena Garcia, Universidade de Lisboa, Portugal
Title: Polymer-metal conjugates: Versatile scaffolds for the synthesis of new antitumor drugs
Andreia Valente, Universidade de Lisboa, Portugal
Title: Novel functional materials based on cyanido-bridged metal assemblies and metal oxides
Shin-ichi Ohkoshi, The University of Tokyo, Japan
Title: The medicinal chemist's toolbox: how to use it to develop small molecule CK2 inhibitors
Marc Le Borgne, Université Lyon, France

Coffee Break: 10:50-11:00 @ Foyer

Title: Designed bispecific molecules selectively inhibiting both JAK2 and HDAC at low nanomolar concentrations
Brian W Dymock, University of Singapore, Singapore
Title: *In silico* screening of *Aloysia citrodora* Palau. leaf essential oil for anticholinesterase inhibitors
Sawsan Abuhamdah, The University of Jordan, Jordan
Title: Design of active and durable catalysts with non-precious materials for oxygen reduction and evolution reactions: First principles prediction and experimental validation
Byungchan Han, Yonsei University, Korea
Title: The effect of doping NiMgAl catalysts with lanthanum on the dry reforming of methane
Samer Aouad, University of Balamand, Lebanon
Title: S-Nitrosothiol-modified silica/polymer hybrid nanofibers as a nitric oxide storage/delivery scaffold
Soo Ji Son, Kwangwoon University, Korea

Lunch Break: 12:40-13:20 @ Restaurant

Track 13: Petro Chemistry
Track 14: Multi-disciplinary Chemistry

Session Introduction

Session Chair: Jean-Bernard Regnouf-de-Vains, Universite de Lorraine, France

Session Co-chair: Rukan Can Seyfeli, Gazi University, Turkey

Title: Study of intermolecular and intramolecular vibrations in heterocyclic aromatic hydrocarbons
Patricia Guevara Level, Université de Pau et des Pays de l'Adour, France
Title: From discrete to supported antibacterial calixarenes: toward bacteriophilic materials
Jean-Bernard Regnouf-de-Vains, Universite de Lorraine, France
Title: First-principles calculation of ε-Fe_2O_3 with a huge coercive field
Marie Yoshikiyo, The University of Tokyo, Japan

Title: *Thymus* and *Origanum* species growing in Turkey: Their phytochemical and biological activity properties
Ufuk Özgen, Karadeniz Technical University, Turkey
Title: Bentonite-Treatment of Bentonite with Na_2CO_3 and MgO
Rukan Can Seyfeli, Gazi University, Turkey
Title: The benefit of supplementing with Iron and vitamin B12 singly and in combination on haemoglobin among 6 to 9 years old rural primary school children in Kilifi County, Kenya?
Priscilla Monyangi Nyakundi, Kenya Medical Research Institute, Kenya
Title: Exploring DNA interaction and anticancer activity of ruthenium (II) mononuclear complexes and their luminescent properties
S Satyanarayana, Osmania University, India

Coffee Break: 15:40-15:50 @ Foyer

Title: Determination of skin softeners, skin shiners and phytoconstituents from eugenol oil extracted from clove buds of clove trees found in zanzibar

Ochieng Anthony, Sumait University, Tanzania

Title: Quantitative analysis of multi-component alkane mixture with fourier transform infrared spectrometer based on TR-LSSVM-PSO

Feng Zhang, Xi'an Jiaotong University, China

Title: An attractor-repulsor molecular design prinicple for the exploration of supramolecular steric hindrance (SSH) effects

Linghai Xie, Nanjing University of Posts & Telecommunications, China

Title: Arithmetic progression way in calibration STD curve

Hisham H A Mohammedkhair, University of Khartoum, Sudan

Award Ceremony



Bookmark your dates

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May 08-10, 2017 Berlin, Germany

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Scientific Program

Proceedings of

2nd World Chemistry Conference

August 08-10, 2016 Toronto, Canada



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Scientific Program

Day 1 August 08, 2016

08:30-09:30 **Registrations**

ALGONQIN (A)

conferenceseries.com **09:30-09:50** **Opening Ceremony**

Keynote Forum

Introduction

Title: The enterprise of drug discovery from an academic perspective: From design to practice
Stephen Hanessian, Université de Montréal, Canada

Title: Advances in MRI Using hyperpolarized and inert gases and molecular MR Imaging
Mitchell S Albert, Lakehead University, Canada

Group Photo

Networking & Refreshments: 11:30-11:45 @ Foyer

Sessions: Medicinal Chemistry | Analytical Chemistry

Session Introduction

Session Chair: Cornelia G Palivan, University of Basel, Switzerland

Session Co-chair: Laura Sagle, University of Cincinnati, USA

Title: Synthesis of organofluorine compounds using flow microreactors
Aiichiro Nagaki, Kyoto University, Japan

Title: A Drug delivery model: 5-fluorouracil intercalated into montmorillonite investigated to the Hartree-Fock level
John H Summerfield, Missouri Southern State University, USA

Title: Regeneration of amine solution using microalgae for absorption
Sulaiman Al-Zuhair, UAE University, UAE

Lunch break 13:15-14:00 @ Cabinet

Title: Current challenges and approaches for improved localized surface plasmon resonance biosensing
Laura Sagle, University of Cincinnati, USA

Title: Artificial organelles: How nanoscience provides therapeutic solutions
Cornelia G Palivan, University of Basel, Switzerland

Title: Synthesis, Characterisation and biotransformation of novel 1,4-dihydropyridine derivatives
Anupreet Kaur, Punjab University, India

Title: Anti-inflammatory and antinociceptive activity of vanillin
Adit Sharan, Micro Labs Ltd., India

Title: The application of ultrasound irradiation technique for the reconstitution of radiopharmaceutical kits
Alireza Doroudi, Ahvaz Jundishapur University of Medical Sciences, Iran

Network & Refreshments: 16:30-16:45 @ Foyer

Panel Discussion

Day 2 August 09, 2016

ALGONQIN (A)

Keynote Forum

Title: Bioinspired surfaces for water collection and purification
Jaspal Badyal, Durham University, UK

Title: Effective dehydrogenation of alcohol catalyzed by iron complexes
Hiroshi Nakazawa, Osaka City University, Japan

Title: Solid state photo polymerization via [2+2] Cycloaddition reaction
Jagadese J Vittal, National University of Singapore, Singapore

Network & Refreshments: 11:30-11:45 @ Foyer

Sessions: Polymer Chemistry | Clinical Chemistry | Natural Chemistry

Session Introduction

Session Chair: Jin Seok Lee, Sookmyung Women's University, South Korea

Session Co-chair: Godwin Basil D'Cunha, Cape Breton University, Canada

Title: Highly thermal conductive composites with polyamide-6 covalently-grafted graphene by an in situ polymerization and thermal reduction process

Peng Ding, Shanghai University, P R China

Title: Sequentially self-limited molecular layer deposition of uniformly aligned polyurea thin films

Jin Seok Lee, Sookmyung Women's University, South Korea

Title: Phenylalanine/Tyrosine ammonia lyase enzyme catalyzed synthesis of the methyl ester of para-hydroxycinnamic acid and its potential antibacterial activity

Godwin Basil D'Cunha, Cape Breton University, Canada

Lunch break 13:15-14:00 @ Cabinet

Title: Smart polymer materials - Tuning the physicochemical properties of polysaccharides *via* cross-linking conditions

Abdalla H Karoyo, University of Saskatchewan, Canada

Title: Chemical and electrochemical synthesis of graphene/conducting polymers nanocomposites

María Belén Camarada, Universidad Bernardo O´Higgins, Chile

Title: Bio-inorganic non lactamase metallo antibiotics

Tulio Chavez-Gil, Coppin State University, USA

Network & Refreshments: 15:30-15:45 @ Foyer

Poster Presentations(15: 45-16:45)

Title: Chemical study on antifungal substances produced by endophytic fungi

Enkhee Purev, Nagoya University, Japan

Title: Anti-phytopathogenic and anti-cytotoxic brominated sesquiterpenes from the Indonesian red seaweed

Kasmaiti, Nagoya University, Japan

Title: Effect of provenance on the chemical quality and bioactivity of essential oil of Laurus Nobilis in Morocco

Hanaa Labiad, Ibn Tofail University, Morocco

Title: Synthesis of new celecoxib derivatives: A search for novel cyclooxygenase-2 inhibitors as anti-inflammatory agents

Madlen B. Wannas, Beni Suef University, Egypt

Title: Chemical affinity profiles of certain effectively used anti-cancer drugs in controlled release systems

Laleh Talavat, Hacettepe University, Turkey

Title: Transition metal catalyzed direct ortho-aroylation of arene C-H bonds through aerobic oxidative coupling reaction

Bhavin Pipaliya, Niper, India

Panel Discussion

Day 3 August 10, 2016

ALGONQIN (A)

Sessions: Inorganic Chemistry | Nuclear Chemistry

Session Introduction

Session Chair: Sulaiman Al-Zuhair, UAE University, UAE

Title: The effect of hydrogen and chemical treatments of activated carbon in the synthesis of Ammonia on the promoted Ruthenium catalyst

Naghi Saadatjou, Semnan University, Iran

Title: Catalytic, biological activity and thermal behaviour of triphenylphosphine capped zinc sulfide nanoparticles

Shashi Bala Kalia, Himachal Pradesh University, India

Title: Synthesis & spectroscopic characterization of acyl carnitine derivatives, for the diagnosis of fatty acid β-oxidation disorder

Hany F Sobhi, Coppin State University, USA

Network & Refreshments: 11:30-11:45 @ Foyer

Title: Rosmarinic acid, major polyphenol from Lemon balm (*Melissa officinalis, L.*) restrains non-enzymatic glycation of albumin

Mehran Mirloei, South Carolina University, USA

Title: Detection and quantification of antibiotics residues in chicken meat by reversed-phase high-performance liquid chromatography

Birsen Demirata Ozturk, Istanbul Technical University, Turkey

Lunch break: 12:45-13:45 @ Cabinet

Title: Conductometric and fluorescence probe analysis on molecular interactions between cationic surfactants in aqueous medium of glycyl dipeptide: Concentration and temperature effect

Suvarcha Chauhan, Himachal Pradesh University, India

Title: HPLC–UV method development and validation for the determination of low level formaldehyde grown culture mushrooms in Turkey

Dilek Ozyurt, Istanbul Technical University, Turkey

Title: Determination of some heavy metals in blood serum of pregnant women who induced miscarriage using ICP technique

Mohammed Moayyad Shukr, University of Salahaddin, Iraq

Panel Discussion

Network & Refreshments: 15:45-16:00 @ Foyer

Award Ceremony & Closing Ceremony

Bookmark your dates

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Website: www.chemistry.conferenceseries.com

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Scientific Program

International Conference on

Industrial Chemistry

June 27-28, 2016 New Orleans, Louisiana, USA



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Day 1 June 27, 2016

08:30-09:00 **Registrations**

Salon 4

conferenceseries.com **09:00-09:10** **Opening Ceremony**

Keynote Forum

Introduction

Title: Practical process for the chemical recycling of PET

Do Hyun Kim, Korea Advanced Institute of Science & Technology, South Korea

Title: Metal-catalyzed asymmetric C-H amination of alkenes

Radhey Srivastava, University of Louisiana, USA

Track 1: Petroleum and Organic Industrial Chemistry
Track 6: Nano Technology involved in Industrial Chemistry
Track 8: Industrial Photo Chemistry
Track 9: Textile Industrial Chemistry, Textile Engineering and Apparel Industry

Session Introduction

Session Chair: Haroldo A Ponte, Federal University at Paraná, Brazil

Session Co-chair: Gu Tao, Southwest Petroleum University, China

Title: Biodiesel from alligator fat using supercritical methanol via a laboratory scale flow reactor

August A Gallo, University of Louisiana at Lafayette, USA

Title: Textile dye biosorption onto dried alkali treated sunflower seed hull: Isotherms, kinetics, thermodynamic studies and batch adsorber design

Gbekeloluwa B Oguntimein, Morgan State University, USA

Network and Refreshment Break: 11:10-11:25 @ Foyer

Title: Nano-TiO_2 photo catalysts: Doping, morphology control and immobilization

Jian-Wen Shi, State Key Laboratory of Electrical Insulation and Power Equipment, China

Title: Synthesis, characterization and application of carbon dots

Roger M Leblanc, University of Miami, USA

Title: Behavior analysis of a porous bed electrochemical reactor. The treatment of petrochemical industry wastewater contaminated by hydrogen sulfide (H_2S)

Haroldo A Ponte, Federal University at Paraná, Brazil

Lunch Break: 12:40-13:25 @ Salon 5&6

Title: Characterization of the corrosion of oil well cement exposed to H_2S under high sulfur gas reservoir conditions

Gu Tao, Southwest Petroleum University, China

Title: Corrosion inhibition of mild steel in formic acid and citric acid using tamarind *(Tamarindus indica)* extract

Linus Okoro, American University of Nigeria, Nigeria

Young Research Forum

Title: Application of singlet oxygen generated in heterogeneous systems in various oxidation reactions

Katarzyna Piwowar, Silesian University of Technology, Poland

Title: Ho_2O_3-modified MnOx-TiO_2 catalyst for SCR De-NOx with N

Chen Gao, Centre of Nanomaterials for Renewable Energy, China

Title: Adsorptive removal of excess fluoride in drinking water using silica rich reddish black clay soils: Adsorbent preparation, performance and study of adsorption mechanisms

Tholiso Ngulube, Indonesia University of Venda, South Africa

Network and Refreshment Break: 15:15-15:30 @ Foyer

Title: Environment-induced conformational and functional changes of l-2-haloacid dehalogenases

Yayue Wang, University of Chinese Academy of Sciences, China

Title: Supermagnetic recyclable Bi/Fe-based nanomaterial with multiple functionalities and its potential practical application in environmental decontamination

Zhong-Ting Hu, Nanyang Technological University, Singapore

Title: Mass transfer resistance of simultaneous extraction and stripping of Hg (ii) from petroleum produced water via HFSLM

Thanaporn Wannachod, Chulalongkorn University, Thailand

Day 2 June 28, 2016

Salon 4

Keynote Forum

Title: Elimination of nitrogen and phosphorous compounds from industrial and domestic effluents using vertical bioreactors

Manuel Alvarez Cuenca, Ryerson University, Canada

Title: Evaluation of monomeric sugar yield from various grasses grown in thailand as biofuel feedstock by two-stage pretreatment process

Sujitra Wongkasemjit, Chulalongkorn University, Thailand

Title: Emerging stretched and contacted helices and its stimuli induced mutual conversion of substituted poly acetylenes prepared with an organo-rhodium catalyst

Masayoshi Tabata, Muroran Institute of Technology, Japan

Network and Refreshment Break: 11:00-11:15 @ Foyer

Track 3: Industrial Polymers, Metals and Composites Chemistry
Track 5: Applied Chemistry
Track 11: Production of Food and Beverages

Session Introduction

Session Chair: Gbekeloluwa B Oguntimein, Morgan State University, USA

Session Co-chair: Sadanandan E. Velu, University of Alabama at Birmingham, USA

Title: Fostering sustainable disease management: The role of a global citizens movement

Abraham Badu-Tawiah, Ohio State University, USA

Title: Wetting of the coated surface: Super hydrophobic surface and SLIPS

Do Hyun Kim, Korea Advanced Institute of Science & Technology, South Korea

Title: Failure analysis of fiber reinforced plastics light pole

Mohamed Bassyouni, King Abdulaziz University, Saudi Arabia

Title: Novel and facile eco-friendly method of synthesis poly (o-aminophenol) homopolymer and (o-aminophenol)-m- phenylene diamine copolymer based on mechano-chemical solid state polymerization

Mohamed Helmy Abdelaziz Mousa, King Abdulaziz University, Saudi Arabia

Lunch Break: 12:55-13:40 @ Salon 5&6

Track 4: Industrial Pharmaceutical and Cosmetic Chemistry
Track 14: Industrial Processes, White Biotechnology and Green Chemistry

Session Introduction

Session Chair: Abraham Badu-Tawiah, Ohio State University, USA

Session Co-chair: Mohamed Bassyouni, King abdulaziz University, Saudi Arabia

Title: 2D Mesoporous silicas with hexagonal pore ordering and organic groups containing sulfur atoms

Izabela Nowak, Adam Mickiewicz University in Poznan, Poland

Title: Effect of nanosized layered double hydroxide on flammability, thermal and optical properties of polypropylene

Mohamed Zoromba, King Abdulaziz University, Saudi Arabia

Title: Thermal sterilization of microorganisms

Muhammad Shahid, University of New South Wales, Australia

Title: Discovery and development of synthetic tricyclic pyrroloquinone alkaloid analogs for human cancer therapy

Sadanandan E Velu, University of Alabama at Birmingham, USA

Title: Mesoporous silica of KIT-5 type modified with functional groups – synthesis, characterization and catalytic application

Izabela Nowak, Adam Mickiewicz University in Poznan, Poland

Network and Refreshment Break: 15:45-16:00 @ Foyer

Poster Presentations from 15:00-15:45 @ Foyer

Title: Application of mesoporous materials to hydrogenation and Bayer villiger oxidation of citral

Izabela Nowak, Adam Mickiewicz University in Poznan, Poland

Title: Energy content of alcohol fuels and blends with gasoline and kerosene

Linus Okoro, American University of Nigeria, Nigeria

Award Ceremony



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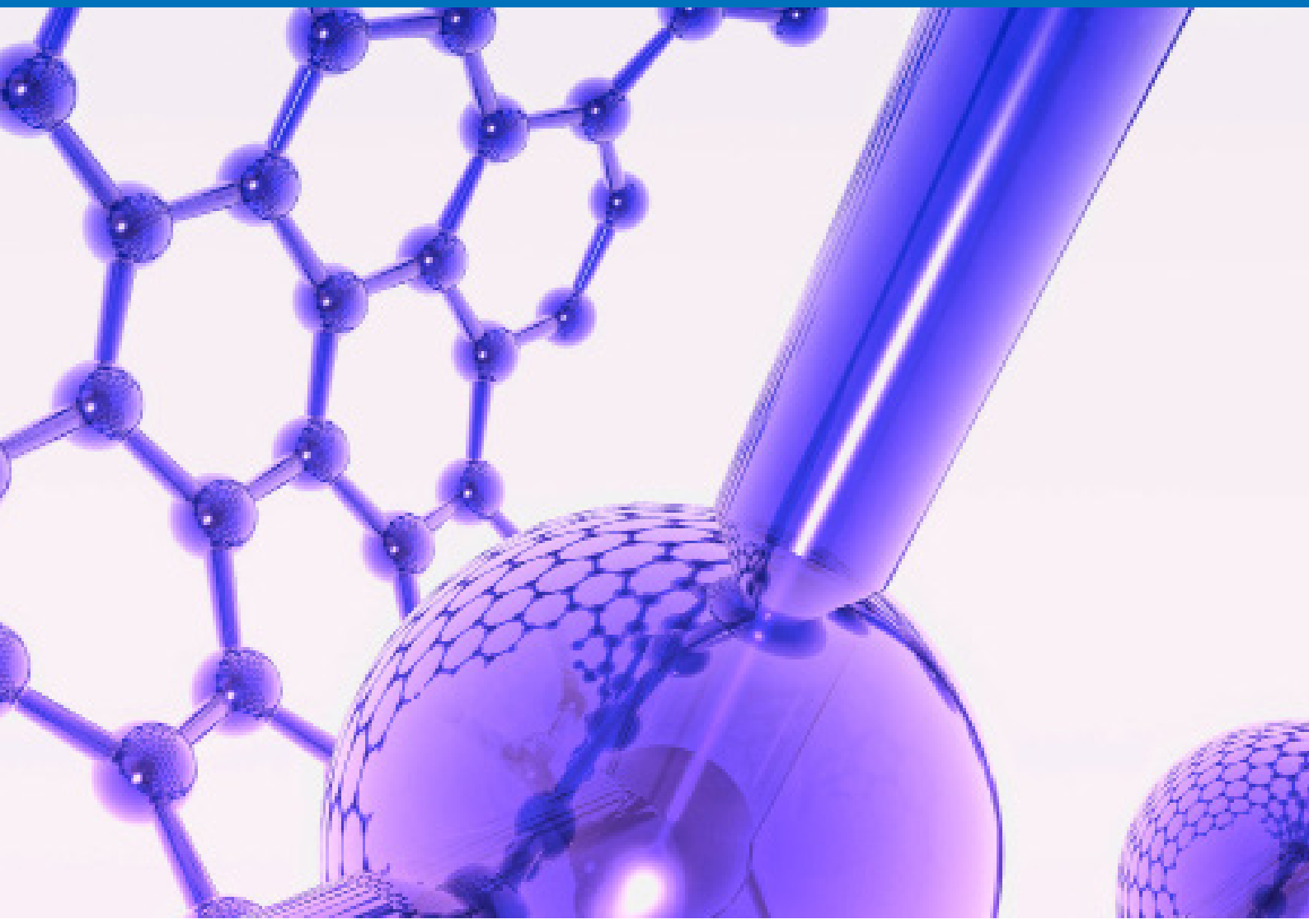


Scientific Program

International Conference and Exhibition on

Materials Chemistry

March 31-April 01, 2016 Valencia, Spain



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08:00-09:00 Registrations

Melia Meeting 4 & 5

09:00-09:25 **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 11:00-11:15 @ 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 12:55-13:55 @ 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 15:55-16:10 @ Foyer

Title: Polymers with tunable properties via variable cross-linking conditions
Lee D. Wilson, University of Saskatchewan, Canada
Title: Fibre structures for energy harvesting in wearables
Elias Siores, Bolton University, UK
Title: Advanced functional organic-inorganic nano-composite membranes: Application of membrane technology for removal of contaminants of drinking water
Urfi Ishrat, Taibah University, Saudi Arabia
Title: Microstructure evolution at different cooling rates of a low carbon microalloyed steel
Elena Brandaleze, National Technological University, Argentina
Title: Mechanical response of Ti_3SiC_2 to He/H irradiation: Elaboration from first-principles calculation
Yuexia Wang, Fudan University, China

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 10:30-10:45 @ 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:12:25-13:25 @ Restaurant

Poster Presentations 13:25 - 14:10 @ Foyer

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
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
Title: Silver nanoclusters doped in mordenite zeolite as photocatalysts toward pesticides
Imad A Abu-Yousef, American University of Sharjah, UAE
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
Title: Antimicrobial supercritical impregnation of nanocomposites for food packaging
Maria Jose Galotto, Santiago de Chile University, Chile
Title: Preparation and characterization of chitosan-co-hyaluronic acid cryogels
Tugce Kutlusoy, Marmara University, Turkey
Title: Synthesis and characterization of high performance polyimide nanofibers and application on lithium-ion batteries
Emre Aytan, Marmara University, Turkey
Title: Molecularly imprinted polymeric nanoparticle: Preparation and characterization
Merve Yasar, Marmara University, Turkey
Title: Novel macroporous poly-pickering-HIPE composites for heterogeneous photocatalysis
Elif Yüce, Yalova University
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 16:10-16:25 @ 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: Fuel briquettes from municipal solid waste through solid state fermentation
S.Rajendran, Saraswathi Narayanan College, India
Title: Microreactors based on nanostructured monolithic materials for electrochromatography separation and catalysis applications
Seydina Ibrahima KEBE, University Paris-East, France
Title: Heterogeneous kinetic uptake studies of conventional and nanomaterials in solution
Lee D. Wilson, University of Saskatchewan, Canada