# Tentative Program



## 2nd European
# Organic Chemistry Congress

Amsterdam, Netherlands March 02-03, 2017



**Conference Secretariat**

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

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Program at a Glance

## Day 1

Morning Sessions

| Reception/Registration | 08.00-09.00 | |
|---|---|---|
| | 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)** | | |
| 11.00-12.40 | 5 Speakers (20 Mins Each) | |

Evening Sessions

| | |
|---|---|
| **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 1

19 Speakers for

## Day 2

Morning Sessions

| | Time | Session 1 | Session 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** | | | |
| **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)** |

Evening Sessions

Day 2

40 Speakers on

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

**For more Details PS: http://organicchemistry.conferenceseries.com/europe/**

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# Glimpses of Chemisty Conferences



















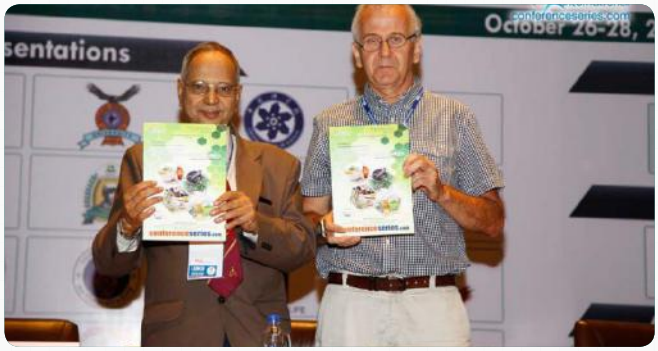

# Glimpses of Chemisty Conferences




















# Best Tourist Destinations in Netherlands



10 Best Places to Visit in the Netherlands



10 Top Tourist Attractions in the Netherlands



A Dutch Treasure Trove



Anne Frank Museum



Delft City Hall



Canals of Amsterdam



Delta Project



Exploring Amsterdam's Canals



Hoge Veluwe National Park



Leiden Canals



Hoge Veluwe



Maastricht Vrijthof

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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 $\varepsilon$-$Fe_2O_3$ 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

# 4th European Chemistry Congress

**May 08-10, 2017 Berlin, Germany**

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605th Conference

Scientific Program

*Proceedings of*

International Conference on

# Organic Chemistry

August 10-11, 2016 Las Vegas, Nevada, 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



## Bookmark Your Dates

3rd International Conference on

# Organic Chemistry

**July 24-26, 2017 Chicago, USA**

**Website:** www.organicchemistry.conferenceseries.com

conferenceseries.com
559th Conference

Scientific Program

*Proceedings of*

# 2nd World Chemistry Conference

August 08-10, 2016 Toronto, Canada



**Hosting Organization:**
**Conference Series LLC**
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: healthcareasiapacific@omicsgroup.com

# 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

5th International Conference on

# Medicinal Chemistry & Computer Aided Drug Designing

**December 05-07, 2016 Phoenix, Arizona, USA**

**Website:** www.medicinalchemistry.pharmaceuticalconferences.com

# 3rd World Chemistry Congress

**July 27-29, 2017 Chicago USA**

**Website:** www.chemistry.conferenceseries.com

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# Scientific Program

International Conference on

# Industrial Chemistry

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




**Hosting Organization: Conference Series LLC**

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA, Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: industrialchemistry@insightconferences.com

## 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**



## Upcoming Related Conferences

**2nd International Conference on**

# Industrial Chemistry

**May 29-30, 2017 Los Vegas, USA**

**Web: www.industrialchemistry.conferenceseries.com**

OMICS International
conferenceseries.com

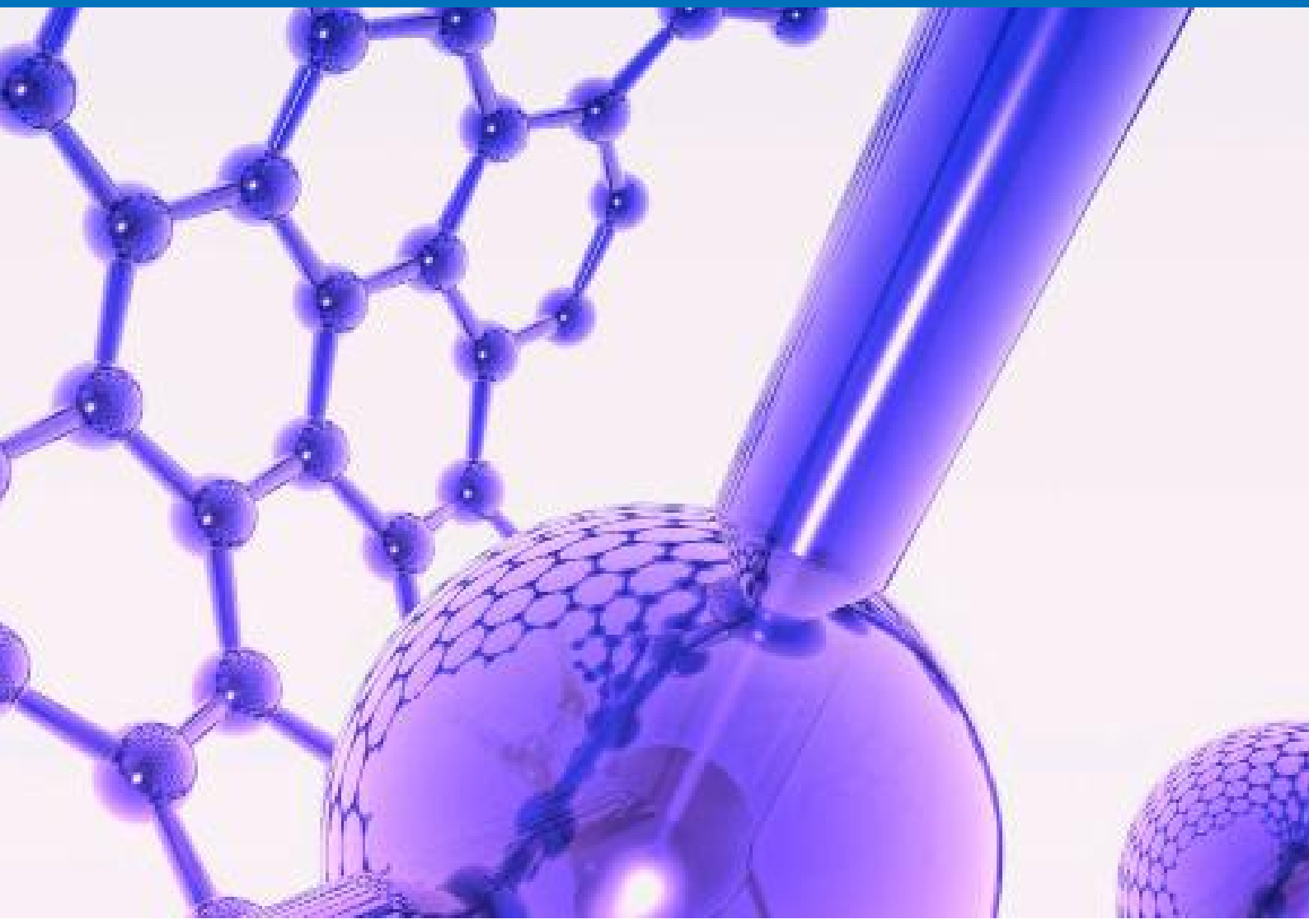


# Scientific Program

## International Conference and Exhibition on

# Materials Chemistry

March 31-April 01, 2016 Valencia, Spain



**OMICS International Conferences:**
2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA
**Ph:** +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: materialschemistry@insightconferences.com, materialschemistry@conferenceseries.net, materialschemistry@conferenceseries.com

## Day 1 March 31, 2016

**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