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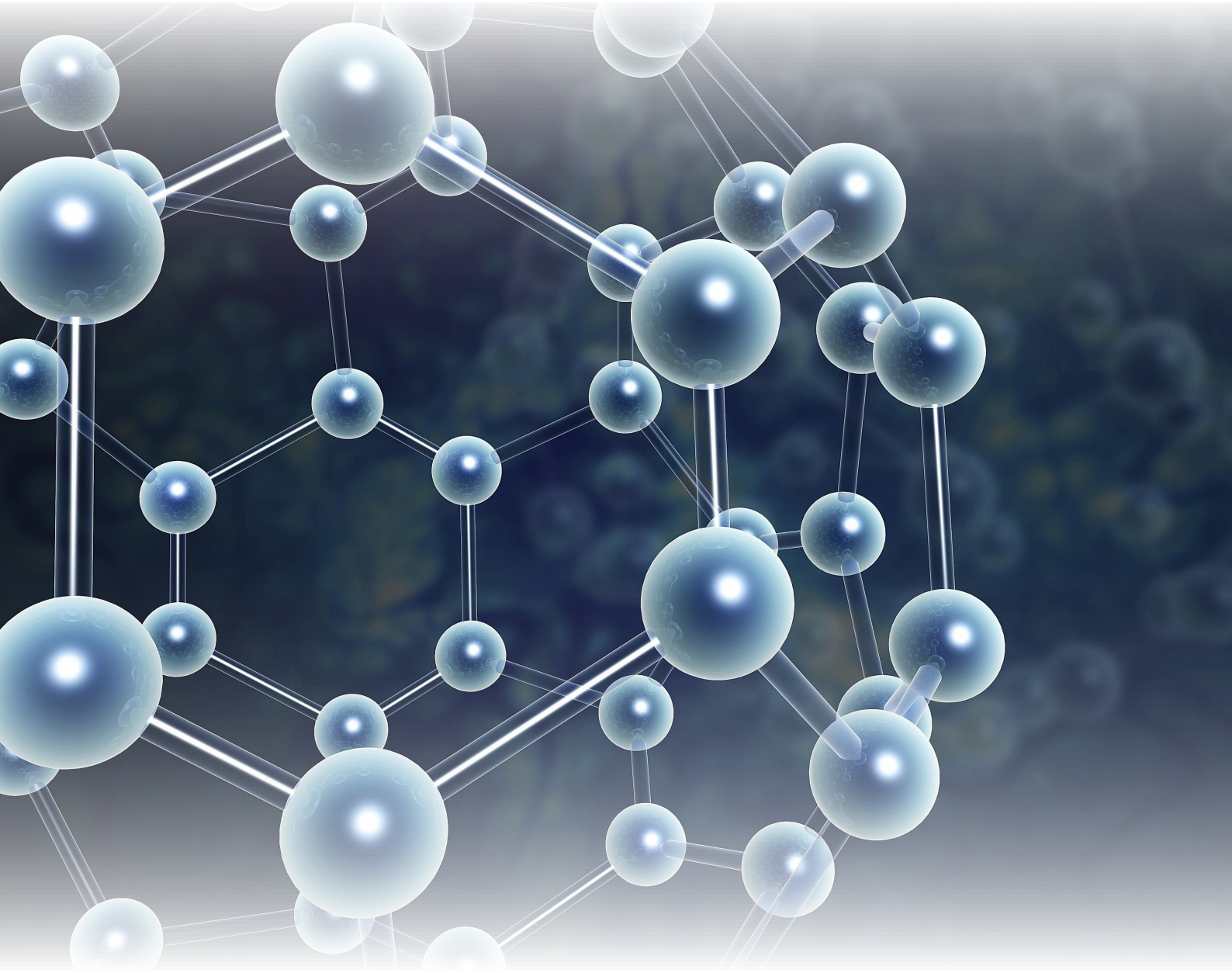
Scientific Program

3rd International Conference on

Organic and Inorganic Chemistry

July 17-19, 2017 Chicago, USA



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Day 1 | July 17, 2017

08:30-09:30 Registrations

Milan

conferenceseries.com 09:00-09:25 **Opening Ceremony**

Keynote Forum

09:25-09:30	**Introduction**
09:30-10:00	**Title: Tailor made recyclable Pt-nanoparticle catalysts for creation of functionalized vinylsilanes** **Bhanu P S Chauhan**, William Paterson University, USA
10:00-10:30	**Title: Synthetic application of chiral aziridines** **Hyun-Joon Ha**, Hankuk University of Foreign Studies, South Korea
10:30-11:00	**Title: Catalytic hydrogenation of non-polar unsaturated organic molecules promoted by bifunctional iron complexes** **Hiroshi Nakazawa**, Osaka City University, Japan

Panel Discussion

Networking & Refreshment Break 11:00-11:15 @ Foyer

Sessions:
Inorganic Materials and Nanoparticles | Organometallic Chemistry | Polymer Chemistry | Green Chemistry and Sustainable Technology | Advanced Synthesis and Catalysis | Modern Organic Chemistry and Applications| Natural Products and Heterocyclic Chemistry | Bioorganic and Biochemistry | Advance Trends in Organic Chemistry | Medicinal Chemistry, Drug Synthesis

Session Chair: Yingju Xu, Merck & Co., Inc., USA

Session Co-Chair: Hyun-Joon Ha, Hankuk University of Foreign Studies, South Korea

Session Introduction

11:15-11:40	**Title: Mechanistic study of alcohol oxidation by oxidized Cu^{II} salen-type complexes: Relationship between reactivity and the electronic structure of the complexes** **Yuichi Shimazaki**, Ibaraki University, Japan
11:40-12:05	**Title: Electronic requirements for C-H activation in half-sandwich complexes** **Ashoka G Samuelson**, Indian Institute of Science, India
12:05-12:30	**Title: Hydrophobic, hydrophilic and amphiphilic silica/copolymer nanoparticles by surface-initiated atom transfer radical polymerization** **Ling He**, Xi'an Jiaotong University, China
12:30-12:55	**Title: The discovery of one-pot protocol to synthesize spiro[n]arenes** **Xie Linghai**, Nanjing University of Posts and Telecommunications, China

Panel Discussion

Lunch Break 12:55-13:45 @ Athens Rooms

13:45-14:10	**Title: Concept of malignancy of brain tumors for drug design of boron neutron capture therapy** **Masao Takagaki**, Kyoto University, Japan
14:10-14:35	**Title: Process development towards a green manufacturing route for *letermovir* exploiting novel asymmetric reactions** **Yingju Xu, Merck and Co., Inc.**, USA
14:35-15:00	**Title: Corrosion behavior of TiC-Ni-5Mo_2C cermet** **Nawarat Worauaychai**, Ramkhamhaeng University, Thailand
15:00-15:25	**Title: Effect of agrochemicals on metal speciation and their associated health risk in soil and vegetable species** **Makanjuola O Mojeed**, Federal University of Agriculture, Nigeria
15:25-15:50	**Title: Polyhydroxy alkaloids from aziridine** **Hyun-Joon Ha**, Hankuk University of Foreign Studies, South Korea

Panel Discussion

Networking & Refreshment Break 15:50-16:05 @ Foyer

16:05-16:30	**Title: Catalysis and life-cycle-analysis of current and future industrial routes to CO_2 utilization** **Thomas E Müller,** RWTH Aachen University, Germany
16:30-16:55	**Title: Stereoselective synthesis of hernandulcin, peroxylippidulcine A, lippidulcines A, B and C and taste evaluation** **Marco G Rigamonti,** Politecnico di Milano, Italy
16:55-17:20	**Title: Multi-functional N,O donors for Cu catalyzed Csp^2-Csp cross-coupling reaction** **Ziwei Gao,** Shaanxi Normal University, China
17:20-17:45	**Title: Comparative study of CO adsorption on zirconia polymorphs by diffuse reflectance FT-IR and transmission FT-IR spectroscopy** **Zhongyi Ma,** Chinese Academy of Sciences, China
17:45-18:10	**Title: The synthesization of SAPO-11 and its catalytic performance for the alkylation of naphthalene** **Wei Zhang,** Chinese Academy of Sciences, China
18:10-18:35	**Title: Co nanoparticles as efficient catalysis in homo- and hetero coupling reaction** **Abdolreza Hajipour,** Isfahan University of Technology, Iran

Panel Discussion

Day 2 | July 18, 2017

Milan

Keynote Forum

10:00-10:30	**Title: Synthesis of bound-type *bis*-heterocycles via Groebke-Blackburn-Bienaymé** **Rocío Gámez-Montaño,** Universidad de Guanajuato, Mexico
10:30-11:00	**Title: XLH chemistry for organic nanogrids with "Plenty of Room"** **Xie Linghai,** Nanjing University of Posts and Telecommunications, China

Panel Discussion

Networking & Refreshment Break 11:00-11:15 @ Foyer

11:15-11:45	**Title: Dendritic and nanostructured boron and carbon compounds for cancer therapy** **Narayan S Hosmane,** Northern Illinois University, USA

Sessions:

Bioorganic and Biochemistry | Advance Trends in Organic Chemistry | Inorganic and Bioinorganic Catalysis | Physical Organic Chemistry | Industrial Inorganic Chemistry | Stereochemistry of Organic Compounds | Medicinal Chemistry, Drug Synthesis | Organic Chemical Engineering | Inorganic Materials and Nanoparticles | Green Chemistry and Sustainable Technology

Session Chair: Bhanu P S Chauhan, William Paterson University, USA

Session Co-Chair: Rocío Gámez-Montaño, Universidad de Guanajuato, Mexico

Session Introduction

11:45-12:10	**Title: Novel maltooligosaccharide from biosynthesis** **Thornthan Sawangwan,** Ramkhamhaeng University, Thailand
12:10-12:35	**Title: Design and creation of autonomous dynamics in self-assemblies** **Yoshiyuki Kageyama,** Hokkaido University, Japan
12:35-13:00	**Title: Vanadium-catalyzed bromination reaction with molecular oxygen** **Toshiyuki Moriuchi,** Osaka University, Japan

Panel Discussion

Lunch Break 13:00-13:50 @ Athens Rooms

13:50-14:15	**Title: Synthesis of 7-(2-substituted-phenylthiazolidinyl)-benzopyran-2-one derivatives** **Anil K Tripathi,** Indian Institute of Integrative Medicine (CSIR), India
14:15-14:40	**Title: Biosorption of cadmium and lead ions from aqueous solution of cashew (*Anacardium occidentale*) leaf** **Adeyemi Olufemi,** Olabisi Onabanjo University, Nigeria

14:40-15:05	**Title: Vanadium pyrophosphate catalyst: Core-shell morphology and attrition resistance** **Marco G Rigamonti**, Polytechnique Montreal, Canada
15:05-15:30	**Title: Quantitative detection of the conformational transitions between open and closed forms of cytochrome P450 oxidoreductase (CYPOR) at the membrane surface in different functional states** **Sara Arafeh**, Marquette University, USA
15:30-15:55	**Title: Synthesis and characterization of Ru(II)-*bis*-benzimidazole-based complexes, Ru(III)-polydentate pyridine-based complexes and Ru(II)-*bis*-benzimidazole polydentate pyridine-based complexes with broad spectrum antimicrobial activity and novel mode of action** **Daphne Mapolelo**, University of Botswana, Botswana
Panel Discussion	
Networking & Refreshment Break 15:55-16:10 @ Foyer	
16:10-16:35	**Title: A low temperature procedure for the delamination of waste printed circuit boards by dissolution of epoxy resin substrate** **Himanshu Ranjan Verma**, Indian Institute of Technology (Banaras Hindu University), India
16:35-17:00	**Title: High-pressure titanium dioxide as visible-light driven photocatalyst with narrow bandgap** **Hadi Razavi-Khosroshahi**, Nagoya Institute of Technology, Japan
17:00-17:25	**Title: Isolation and characterization of phytoconstituents and evaluation of anticancer potential of the medicinal plant *Wrightia tinctoria* (Roxb.) R. Br. from South India** **Beena Jose**, Vimala College, India
17:25-17:50	**Title: Variations of some airborne trace elements concentrations as potential carcinogens** **Heba M Adly**, Umm Al-Qura University, KSA
17:50-18:15	**Title: Design, optimization and control of energy-saving dividing-wall column for separating azeotropes** **Ming Xia**, Chinese Academy of Sciences, China
18:15-18:40	**Title: Jones oxidation of glycerol catalyzed by small gold clusters** **Anthony Pembere**, Chinese Academy of Sciences, China
Day 2 | July 18, 2017	
Poster Presentation	**16:10-17:00 @ Foyer**
OC001	**Title: Synthetic and application studies of carbohydrate-based molecular transporters as a drug delivery vector** **Jungkyun Im**, Soonchunhyang University, South Korea
OC002	**Title: *Peramivir* analogs bearing hydrophilic substituent to overcome viral resistance** **Din-Chi Chiu**, National Taiwan University, Taiwan
OC003	**Title: Synthesis and antidiabetic evaluation of coumarins** **Sanjeev Dhawan**, University of KwaZulu Natal, South Africa
OC004	**Title: Semitransparent perovskite solar cell with increased stability of top laminated carbon nanotube composite** **Inga Ermanova**, National University of Science and Technology, Russia
OC005	**Title: Design of 4H-chromene and chromene based azo chromophores: A novel series of potent antimicrobial and anticancer agents** **Fawzia F Albalawi**, Taibah University, KSA
OC006	**Title: Synthesis of 2-Tetrazolylmethyl-isoindolin-1-ones via a one-pot Ugi-Azide/(n-acylation/exo-Diels-Alder)/dehydration process** **Rocío Gámez-Montaño**, Universidad de Guanajuato, Mexico
OC007	**Title: Preparation and characterization of porous titania and zirconia-hydroxyapatite by modified sol-gel method** **Sanaa Saoiabi**, Mohammed V University, Morocco
OC008	**Title: The effect of preparation conditions on the ion-exchange properties of LTA zeolite prepared from local silica** **Samia A Kosa**, King Abdulaziz University, KSA
OC009	**Title: Comparison of some physico-chemical parameters of Yewa river (Ogun State, Southwest Nigeria) with national and international standard** **Raji Iyabode**, Lagos State University, Nigeria
OC010	**Title: Synthesis of thiohydantoins tagged ß-lactams** **Neha Manhas**, University of Kwa-Zulu Natal, South Africa

OC011	**Title: Synthesis, characterization and antimicrobial properties of riboflavin and 1, 10-phenantroline metal complexes** **Emmanuel O Taiwo,** Ekiti State University, Nigeria
OC012	**Title: Endogenous water-triggered and ultrasound accelerated synthesis of 1,5-disubstituted tetrazoles via a solvent and catalyst-free Ugi-azide reaction** **Rocío Gámez-Montaño,** Universidad de Guanajuato, México
OC013	**Title: Synthesis of chalcones containing fragments of heterocyclic amines** **Daria Boiko,** The National Academy of Sciences of Belarus, Belarus
OC014	**Title: Synthesis and characterization of novel 2,3-furandion derivatives** **Serap Kizilkaya,** Mus Alparslan University, Turkey
OC015	**Title: Synthesis and *in vitro* evolution of benzimidazole based substituted purine as potential anticancer agents** **Alka Sharma, Panjab University, India**
OC016	**Title: Synthesis of 2-julolidin-imidazo[1,2-a] pyridines via Groebke–Blackburn–Bienaymé reaction and studies of optical properties** **Rocío Gámez-Montaño,** Universidad de Guanajuato, Mexico

Day 3 | July 19, 2017

Milan

B2B Meetings

Networking & Refreshment Break 10:30-10:50 @ Foyer

Discussion on: Advance Trends in Inorganic & Organic Chemistry

Networking & Extended Lunch Break 13:00-13:45 @ Athens Rooms

Award & Closing Ceremony

Bookmark your dates

5th International Conference on

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