3rd International Conference on

ORGANIC & INORGANIC CHEMISTRY

July 17-19, 2017 Chicago, USA



Conference Series - America
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Day 1 July 17,2017

09:00-09:30 Registrations

Conference Hall

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

Introduction

Title: Tailor made recyclable Pt-Nanoparticle catalysts for creation of functionalized vinylsilanes

Bhanu Chauhan, William Paterson University, USA

Title: Synthetic application of chiral aziridines

Hyun-Joon Ha, Hankuk University of Foreign Studies, South Korea

Networking & Refreshment Break

Title: Catalytic hydrogenation of non-polar unsaturated organic molecules promoted by bifunctional iron complexes

Hiroshi Nakazawa, Osaka City University, Japan

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

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

Session Co-Chair: Yet to Confirm

Session Introduction

Title: Mechanistic study of alcohol oxidation by oxidized CuII salen-type complexes: Relationship between reactivity and the electronic structure of the complexes

Yuichi Shimazaki, Ibaraki University, Japan

Title: Electronic requirements for C-H activation in half-sandwich complexes

Ashoka Samuelson, Indian Institute of Science, India

Title: Hydrophobic, hydrophilic and amphiphilic silica/copolymer nanoparticles by surface-initiated atom transfer radical polymerization

Ling He, Xian Jiaotong University, China

Lunch Break

Title: Catalysis and life-cycle-analysis of current and future industrial routes to CO2 utilization

Thomas Müller, RWTH Aachen University, germany

Title: Concept of malignancy of brain tumors for drug design of boron neutron capture therapy

Masao Takagaki, Kyoto University, Japan

Title: Process development towards a green manufacturing route for letermovir exploiting novel asymmetric reactions

Yingju Xu, Merck & Co., Inc, USA

Title: Corrosion behavior of TiC-Ni-5Mo2C cermet

Nawarat Worauaychai, Ramkhamhaeng University, Thailand

Title: Multi-functional N,O donors for Cu catalyzed Csp2-Csp cross-coupling reaction

Ziwei Gao, Shaanxi Normal University, China

Title: Polyhydroxy alkaloids from aziridine

Hyun-Joon Ha, Hankuk University of Foreign Studies, South Korea

Title: Stereoselective synthesis of hernandulcin, peroxylippidulcine A, lippidulcines A, B and C and taste evaluation

Marco Giulio Rigamonti, Polytechnique Montreal, Canada

Networking & Refreshment Break

Title: Advanced developments in Boron Neutron Capture and Therapy (BNCT) and related nanocatalysis
Yinghuai Zhu, Institute Chemical and Engineering Sciences, Singapore

Title: π-Extended star-shaped polycyclic aromatic hydrocarbons: Synthesis, self-assembly, and facile-tunable emissive properties
Wen-Yong Lai, Nanjing University of Posts & Telecommunications, China

Title: The synthesization of SAPO-11 and its catalytic performance for the alkylation of naphthalene
Wei Zhang, Chinese Academy of Sciences, China

Title: Comparative study of CO adsorption ton zirconia polymorphs by diffuse reflectance FT-IR and transmission FT-IR spectroscopy
Zhongyi Ma, Chinese Academy of Sciences, China

Title: Adventure with alkynes: Modern tool for the synthesis of heterocycles, natural products-like and π-conjugated scaffolds from alkynes
Akhilesh Verma, University of Delhi, India

Title: Isolation, characterization and biological evaluation of *Terminalia serecia* metabolites
Isaiah Ramaite, University of Venda, South Africa

Title: Effect of agrochemicals on metal speciation and their associated health risk in soil and vegetable spices
Makanjuola Olatunji Mojeed, Federal University of Agriculture, Nigeria

Title: The discovery of one-pot protocol to synthesize spiro[n]arenes
Xie Linghai, Nanjing University of Posts and Telecommunications, China

Title: Stability-indicating HPTLC method for simultaneous determination of Ketoprofen, Methyl Paraben and Propyl Paraben in gel formulation
Pallavi Patil, P.E. Society's Modern College of Pharmacy, India

Panel Discussion

Day 2 July 18, 2017

Conference Hall

Keynote Forum

Title: Synthesis of bound-type bis-heterocycles via groebke-blackburn-bienaymé
Rocío Gámez-Montaño, Universidad de Guanajuato, Mexico

Title: X L H chemistry for organic nanogrids with "plenty of room"
Xie Linghai, Nanjing University of Posts and Telecommunications, China

Networking & Refreshment Break

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

Session Chair: Bhanu Chauhan, William Paterson University, USA
Session Co-Chair: Yet to Confirm

Session Introduction

Title: Novel maltooligosaccharide from biosynthesis
Thornthan Sawangwan, Ramkhamhaeng University, Thailand

Title: Biosorption of cadmium and lead ions from aqueous solution of cashew
Adeyemi Olufemi, Olabisi Onabanjo University, Nigeria

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

Lunch Break

Title: Design and creation of autonomous dynamics in self-assemblies
Yoshiyuki Kageyama, Hokkaido University, Japan
Title: Synthesis of 7-(2-substituted-phenylthiazolidinyl)-benzopyran-2-one derivatives
Anil K Tripathi, Indian Institute of Integrative Medicine, India
Title: Isolation, identification & field studies on tiger pheromones
Mahesh N Sanzgiri, Bombay University, India
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
Title: Vanadium pyrophosphate catalyst: Core-shell morphology and attrition resistance
Marco Giulio Rigamonti, Polytechnique Montreal, Canada

Networking & Refreshment Break

Title: Synthesis of functionalized-2-aryl-2, 3-dihydroquinoline-4(1H)-ones via fries rearrangement of C-3 conjugated azetidin-2-ones
Parvesh Singh, University of Kwa-Zulu Natal, South Africa
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, India
Title: High-pressure titanium dioxide as visible-light driven photocatalyst with narrow bandgap
Hadi Razavi-Khosroshahi, Nagoya Institute of Technology, Japan
Title: Vanadium-catalyzed bromination reaction with molecular oxygen
Toshiyuki Moriuchi, Osaka University, Japan
Title: Variations of some airborne trace elements concentrations as potential carcinogens
Heba M Adly, Umm AlQura University, KSA
Title: Design, optimization and control of energy-saving dividing-wall column for separating azeotropes
Ming Xia, Chinese Academy of Sciences, China
Title: Jones oxidation of glycerol catalyzed by small gold clusters
Anthony Pembere, Chinese Academy of Sciences, China
Title: A physical treatment method as a prevention method for barium sulfate scaling
Maha Salman, Kuwait Institute for Scientific Research, Kuwait
Title: NIR-emitting quinone-fused coumarin dyes: Aqueous mediated, catalyst free synthesis and their optical properties
Sharad R Patil, Institute of Chemical Technology, India
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

Poster Presentations Day 2 (July 18, 2017)

NP 001	**Title: Synthetic and application studies of carbohydrate-based molecular transporters as a drug delivery vector** **Jungkyun Im,** Soonchunhyang University, South Korea
NP 002	**Title: Peramivir analogs bearing hydrophilic substituent to overcome viral resistance** **Din-Chi Chiu,** National Taiwan University, Taiwan
NP 003	**Title: Synthesis and antidiabetic evaluation of coumarins** **Sanjeev Dhawan,** University of KwaZulu Natal, South Africa
NP 004	**Title: Semitransparent perovskite solar cell with increased stability of top laminated carbon nanotube composite** **Inga Ermanova,** National University of Science and Technology, Russian Federation

NP 005	**Title: Design of 4H-chromene and chromene based azo chromophores: A novel series of potent antimicrobial and anticancer agents** **Fawzia Albalawi,** Taibah University, KSA
NP 006	**Title: Synthesis of chalcones containing fragments of heterocyclic amines** **Daria Boiko,** The National Academy of Sciences, Belarus
NP 007	**Title: Preparation and characterization of porous titania and zirconia-hydroxyapatite by modified sol-gel method** **Sanaa Saoiabi,** Mohammad V University, Morocco
NP 008	**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
NP 009	**Title: Comparison of some physico-chemical parameters of Yewa River (Ogun State, Southwest Nigeria) with national and international standard** **Iyabode Raji,** Lagos State University, Nigeria
NP 010	**Title: Synthesis of thiohydantoins tagged b-lactams** **Neha Manhas,** University of Kwa-Zulu Natal, South Africa
NP 011	**Title: Synthesis and characterization of novel 2,3-furandion derivatives** **Serap Kizilkaya,** Muş Alparslan University, Turkey
NP 012	**Title: Dithienothiophene based quinoidal solution-processable n-type organic semiconductors** **Sureshraju Vegiraju,** National Central University, Taiwan
NP 013	**Title: Synthesis, characterization and biological evaluation of substituted of 1,2-ethene-bisphosphonic acids and their esters** **Siphamandla Simelane,** University of Johannesburg, South Africa
NP 014	**Title: Synthesis and in vitro evolution of benzimidazole based substituted purine as potential anticancer agents** **Alka Sharma,** Panjab University, India
NP 015	**Title: Synthesis, Characterization and Antimicrobial properties of Riboflavin and 1,10-Phenantroline metal complexes** **Emmanuel O Taiwo,** Ekiti State University, Nigeria

Panel Discussion

Award Ceremony

Please note that this is a Tentative Program. Timings in this program may subject to change

For Speaker opportunities and related queries contact us at :

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