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, 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: 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"
Linghai Xie, 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: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry
Prakash Kinthada, Jawaharlal Nehru Technological University, India

Title: A physical treatment method as a prevention method for barium sulfate scaling
Maha Salman, Kuwait Institute for Scientific Research, Kuwait

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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