Day 1 | July 17, 2017

08:30-09:30 Registrations

Milan

Opening Ceremony

09:00-09:25

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:

Session Chair: Yingju Xu, Merck & Co., Inc., USA
Session Co-Chair: Hyun-Joon Ha, Hankuk University of Foreign Studies, South Korea

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

Session Introduction

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 2 cermets
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

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

Closing Ceremony

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Panel Discussion

Title: Catalysis and life-cycle-analysis of current and future industrial routes to CO₂ utilization
Thomas E Müller, RWTH Aachen University, Germany

Title: Stereoselective synthesis of hernandulcin, peroxylippulcin A, lippulcines A, B and C and taste evaluation
Marco G Rigamonti, Politecnico di Milano, Italy

Title: Multi-functional N,O donors for Cu catalyzed Csp²-Csp cross-coupling reaction
Ziwei Gao, Shaanxi Normal University, China

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

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

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

Title: Dendritic and nanostructured boron and carbon compounds for cancer therapy
Narayan S Hosmane, Northern Illinois University, USA

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

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

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

Title: Synthesis and characterization of Ru(II)-bis-benzimidazole-based complexes, Ru(III)-polypyrrole pyridine-based complexes and Ru(II)-bis-benzimidazole polyamine 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

Title: High-pressure titanium dioxide as visible-light driven photocatalyst with narrow bandgap
Hadi Razavi-Khosroshahi, Nagoya Institute of Technology, Japan

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

17:50-18:15  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

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

Title: Semitransparent perovskite solar cell with increased stability of top laminated carbon nanotube composite
Inga Ermanova, National University of Science and Technology, Russia

OC004  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

Title: Synthesis of 2-Tetrazolymethyl-isoindolin-1-ones via a one-pot Ugi-Azide/(n-acylation/exo-Diels-Alder)/dehydration process
Rocio 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

Title: The effect of preparation conditions on the ion-exchange properties of LTA zeolite prepared from local silica
Samia A Kosa, King Abdullah University, KSA

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

OC009  Title: Synthesis of thiohydantoins tagged β-lactams
Neha Manhas, University of Kwa-Zulu Natal, South Africa
Title: Synthesis, characterization and antimicrobial properties of riboflavin and 1, 10-phenantroline metal complexes
Emmanuel O Taiwo, Ekiti State University, Nigeria

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

Title: Synthesis of chalcones containing fragments of heterocyclic amines
Daria Boiko, The National Academy of Sciences of Belarus, Belarus

Title: Synthesis and characterization of novel 2,3-furandion derivatives
Serap Kizilkaya, Mus Alparslan University, Turkey

Title: Synthesis and in vitro evolution of benzimidazole based substituted purine as potential anticancer agents
Alka Sharma, Panjab University, India

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 Organic & Inorganic Chemistry
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