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Tentative Program

3rd International Conference on

Past and Present Research Systems of Green Chemistry

Las Vegas, USA September 19-21, 2016



For available speaker slots

greenchemistry@conferenceseries.net

Conference Secretariat

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499

Email: greenchemistry@conferenceseries.com, greenchemistry@conferenceseries.net

Tentative Scientific Program

Day 1 : Sep 19, 2016

	Registrations
	Opening Ceremony

Keynote Forum

	Introduction
	Title: The terawatt photovoltaic energy challenge: Status, recent advances and materials by design
	William Tumas, National Renewable Energy Laboratory, USA
	Title: Waste plastic to liquid hydrocarbon fuel
	Moinuddin Sarker, Waste Technologies LLC (WTL), USA
	Title: TBA
	David A Schiraldi, Case Western Reserve University, USA
	Title: Fluorinated organic compound and green sustainability
	Yoshitomi Morizawa, Asahi Glass Co., Ltd., Japan
	4 more speaker slots available

Track 1:Green Catalysis
Track 3:Green Synthesis and Designing
Track 8:Organic Synthesis
Track 9:Industrial Applications of Green Chemistry
Track 13:Green Nanotechnology

Session Chair:

Session Co-Chair:

	Session Introduction
	Title: Using nature to flame retard polyolefins
	David A Schiraldi, Case Western Reserve University, USA
	Title: Environmentally benign organohalogen chemistry in asahi glass
	Yoshitomi Morizawa, Asahi Glass Co., Ltd, Japan
	Title: Modern green chemistry considerations in synthetic medicinal chemistry
	Andrew C Flick, Pfizer Global Research and Development, USA
	Lunch Break
	Title: Synthesis of N-Aryl and N-Alkyl pyrroles promoted by microwave irradiation
	Mohammed Hashmat Ali, Southeast Missouri State University, USA
	Title: Sugar-reduced gelatin-capped silver nanoparticles with high selectivity for colorimetric sensing of Hg 2+ and Fe 2+ ions in the midst of other metal ions in aqueous
	Samuel Oluwatobi Oluwafemi, University of Johannesburg, South Africa
	Title: Applications of nanoclays in diagnostic microbiology
	Claudio Rodríguez Martínez, National Center of Biological Products, Cuba
	Title: Environmental assessment of different synthetic strategies towards engineered oxide nanomaterials
	Roberto Rosa, University of Modena and Reggio Emilia, Italy
	Title: Recent progress in catalytic aromatic trifluoromethylation
	Hideki Amii, Gunma University, Japan
	Title:An efficient and versatile method for synthesis of 1,4-Dihydropridines at mild reaction conditions
	Sharda Goel, Maharshi Dayanand University, India

	Title: Green synthesis of cinnamyl adipate using enzyme as a catalyst
	Virendra K Rathod, Institute of Chemical Technology, India
Networking Break	
	Title: Computational investigations on structural and electronic properties of CuI nanoparticles immobilized on modified poly(styrene-co-maleic anhydride), leading to unexpected but an efficient catalyzed synthesis 1,4-dihydropyridines via Hantzsch reaction under green conditions
	Majid M Heravi, Alzahra University, Iran
	Title: Mechanistic investigation inspired economic synthesis of pyrrole derivatives
	Jingping Zhang, Northeast Normal University, China
	Title: Reformatsky reagent in a dual role: A highly efficient approach towards 1,2-dihydroisoquinolines
	Vibha Tandona, Jawaharlal Nehru University, India
	Title: Micellar catalysis for green chemistry: An approach to enhance reaction rate and
	Manish Mishra, Dharmsinh Desai University, India
	Title: Heterogeneous base catalyzed depolymerization of lignin into aromatic monomers
	Richa Km, CSIR-National Chemical Laboratory, India
	Title: Green synthesis of sulfur nanoparticles assisted by an herbal surfactant
	Vahid Javan Kouzegaran, Urmia University, Iran
	Title: Synthesis, Characterization and antibacterial activity of Silver nanoparticles using Acacia senegal leaf extract
	Edwina Uzunuigbe, University of Zululand, South Africa
	Title: Inducible promoter-based biosensor: A potential tool for high throughput screening of lignin-degrading enzyme library
	Barindra Sana, 8A Biomedical Grove, Singapore
	Title: Ru/La2O3-ZnO as catalyst for the selective hydrogenation of benzene in a difficult four-phase system (G/L/L/S)
	Hendrik Spod, Technische Universität Darmstadt, Germany
	Title: The high-relaxivity of go-gd@c82 nanohybrids as magnetic resonance imaging contrast agents
	Juan Li, Chinese Academy of Science, China
	Title: Development of new hexamine and DABCO-based ionic liquids as Green solvents for organic reactions
	Warjeet S Laitonjam, Manipur University, India
	Title: Synthesis of carbon nanotubes from natural petroleum gas
	Firas Habeb Abdulrazzak, Diyala University, Iraq
5 more speaker slots available	
Panel Discussion	
Day 2: September 20, 2016	
Keynote Forum	
	Title: Importance of soft processing(=Low-Energy Production) of advanced inorganic Materials for sustainable society
	Masahiro Yoshimura, National Cheng Kung University, Taiwan
	Title: Effects of biomass types on flammability and mechanical properties of sustainable
	Debes Bhattacharyya, University of Auckland, New Zealand
	Title:
	Lakshmi Kantam Mannepalli, Institute of Chemical Technology, India
3 more Keynote Speaker slots available	

Track 2:Green Chemistry Applications **Track 10:Analytical Methodologies** **Track 11:Sustainability and Environmental Safety** **Trcak 13: Green Materials and Marketing**	
Session Chair:	
Session Co-Chair:	
	Title: Investigating the efficiency of economical adsorbents in removal of polycyclic cyclic aromatic hydrocarbons
	Febee R Louka, University of Louisiana, USA
	Title: An environmentally friendly procedure to quantify and localize cedrelone in Spodoptera frugiperda after feeding with this limonoid
	Maria Fátima das Graças Fernandes da Silva, Federal University of São Carlos, Brazil
Networking Break	
	Title: Biorefineries for valorization of food and agricultural residues using advanced technologies
	Mauricio Rostagno, University of Campinas (UNICAMP), Brazil
	Title: Emerging green analytical tools for food quality and safety
	Quansheng Chen, Jiangsu University, China
	Title: Green chemistry - not a solution but the most fundamental approach to prevent pollution
	Sridevi Chigurupati, AIMST University, Malaysia
	Title: Dual-color bioconjugated upconversion fluorescent probes for simultaneous sensing two foodborne pathogenic bacteria
	Huanhuan Li, Jiangsu University, China
	Title: Development of on-line detection system for simultaneous assessment of edible quality and internal defect in apple by NIR transmittance spectroscopy
	Zhiming Guo, Jiangsu University, China
	Title: Genetically modified Bacillus subtilis bacterial strain for self-healing and sustainable green bio-concrete material
	Brajadulal Chattopadhyay, Jadavpur University, India
Lunch Break	
	Title: Computational studies of catalytic reactions in various platforms: From organic reactions to metal-organic frameworks
	Hajime Hirao, Nanyang Technological University, Singapore
	Title: Comparison of the active site mutants of Thermotoga neapolitana β-glucosidase 1A for the Bioconversion of polyphenolic Glucosides
	Samiullah Khan, Quaid-i-Azam University, Pakistan
	Title: Instrumental evaluation of Chinese rice wine sensory attributes using near infrared spectroscopy combined with multivariate calibration
	Qin Ouyang, Jiangsu University, China
	Title: Title: Hydrochemistry and ecological condition of Issyk-Kul Lake
	Azamat Tynybekov, ISC NGO, Kyrgyz Republic
	Title: Potential efficacy of nano- curcumin against nicotine toxicated mammalian proteins
	Krishna Chattopadhyay, Jadavpur University, India
Networking Break	
	Title: Design and development of catalysts for the synthesis of fine chemicals
	Lakshmi Kantam Mannepalli, Institute of Chemical Technology, India

	Title: Putting plant residue in use for dopamine estimation in human biofluids - a green technology
	Kavita Shah, Banaras Hindu University, India
	Title: Synthesis of TGA capped CdTe quantum dots as luminescent probe for carbazochrome sodium Sulfonate determination
	Yanhua Liu, China Pharmaceutical University, China
	Title: Spectrophotometric micro determination of silver(I) using meloxicam as a new analytical reagent; practical and theoretical studies
	Reem Kamal Shah, Umm Al-Qura University, KSA
	Title: Direct-writing of paper based elctrodes using silver nano-ink for eletrochemical application: A greener aproach
	Kamlesh Shrivas, Guru Ghasidas Vishwavidyalaya, India
	Title: Green synthesis of polymeric nanoparticles
	M S Latha, Sree Narayana College, India
	Title: Kolanut pod husk: A potential biosorbent for Cd2+, Ni2+ and Pb2+
	F U Okwunodulu, Ahmadu Bello University Zaria, Nigeria
5 more speaker slots available	
Poster presentations	
	Title: Study of subcritical water hydrolysis of green coffee powder to ethanol second generation
	Forster Carneiro Tania, University of Campinas, Brazil
	Title: Solvent free synthesis of polyhydroquinolines: A green chemistry aspect
	Vijender Goel, Maharshi Dayanand University, India
	Title: Value added derivatives of bio derived 2, 3-Butanediol
	Jeni Toland, The Queens University of Belfast, UK
	Title: Multi-response Optimization Based on Response Surface Methodology (RSM) and Desirability Function for the Separation of Lutein and Chlorophyll from Spinach By-products by a Saponification Procedure
	Maëlle Derrien, Université Laval, Canada
	Title: Preparing Ag/Al2O3 catalyst with AlN addition to improve the low temperature reduciton activity of NOx by ethanol
	Hua Deng, Institute of Urban Environment, Chinese Academy of Sciences, China
	Title: Zirconyl chloride catalysed synthesis of 2,2'-arylmethylene bis(3-hydroxy-5,5-dimethyl-2-cyclohexene-1-ones) under green chemistry conditions
	Anju bajwan, Maharshi Dayanand University, India
	Title: Application of magnetite nanoparticles for separation of Galaxolide from aqueous solutions
	Mohammad Alizadeh Fard, Michigan Technological University, USA
	Title: [DBU-H]+ and H2O as effective catalyst form for 2,3-dihydropyrido[2,3-d]pyrimidin-4(1H)-ones: A DFT Study
	Haiyan Yuan, Northeast Normal University, China
	Title: Novel synthesized antipyrine derivative based “naked eye” colorimetric and fluorescence chemosensors for Al3+ and Cr3+
	Vinod Kumar Gupta, University of Johannesburg, South Africa
	Title: Design, Synthesis and Antibacterial Studies 3-methlyquinoxaline-2-hydrazone Derivatives
	Taiwo Festus Osho, Obafemi Awolowo University, Nigeria
	Title: Photocatalytic reduction of CO2 by (Cu/ZnO)@C yolk-shell nanoreactors
	H Paul Wang, National Cheng Kung University, Taiwan

	Title: Improvement of H2O and SO2 tolerance of Nb-modified VOx/CeO2 catalysts for NH3-SCR at low temperatures
	Zhihua Lian, Institute of Urban Environment, Chinese Academy of Sciences, China
	Title: Fabrication of reusable magnetic multi-wall carbon nanotube-TiO2 nanocomposite by electrostatic adsorption
	Ghazale Daneshvar Tarigh, University of Tehran, Iran
	Title: characterization and thermal properties of 2-thiocoumarin, nlo single crystal
	K Sambathkumar, A A Govt Arts College, India
	Title: Biosorption of malachite green by novel biosorbent Yarrowia lipolytica ISF7:
	Vinod K Gupta, Indian Institute of Technology Roorkee, India
	Title: Synthesis and antimicrobial activity of benzoxazole derivatives
	Gurvinder Singh, Punjab Technical University, India
	Title:
	Mawdda Khatir, University of Khartoum, Sudan
	Title: Mexico & United State Challenge
	kaiwan Serap Notodipuro, Indonesia
	Title: Ability of 3 extraction methods (BCR, Tessier and Protease K) to estimate bioavailable metals in sediments from Huelva estuary (Southwestern Spain)
	Daniel Rosado, Universidad de Sevilla, Spain
	Title: Radiological risk and environmental safety in kyrgyzstan
	Nursultan Azamatov, ISC NGO, Kyrgyz Republic
15 Poster slots available	
Day 3: September 21, 2016	
Track 4: New Trends in Green Chemistry **Track 5: Green Chemical Solvents** **Track 6: Green Metrics and Measurements** **Trcak 12: Green Chemistry and Engineering**	
Session Chair:	
Session Chair:	
	Title: Green solvents – replacing dirty & toxic with clean & green
	Dave A Pasin, TBF Environmental Technology Inc., Columbia
	Title: Development of a green and sustainable commercial manufacturing process
	Hong Ren, Merck & CO., USA
	Title: New approaches for green and cost-effective metal catalysis
	Brindaban C Ranu, Indian Association for the Cultivation of Science, India
	Title: Biofuel cells based on glucose electrooxidation at conducting polymer modified electrodes with palladium and platinum nanoparticles
	Ziad Khalifa, The British University, Egypt
Networking Break	
	Title: Synthesis and characterization of new conjugated electroluminescent polyquinoline derivative
	Vivek M Raut, Government Vidarbha Institute of Science & Humanities, India
	Title: Characterization of biodiesel (b100) produced from neat and waste animal fry vegetable oil, ethanol, standard and ripe plantain peel potassium hydroxide
	Abayomi Taiwo, Moshood Abiola Polytechnic, Nigeria

	Title: Power generation from microbial fuel cell using Comamonas sp. BT UA and Pseudomonas sp. BT 302
	Priyabrata Sarkar, University of Calcutta, India
Lunch Break	
	Title: Optimization of a Supercritical Fluid Extraction of Lutein and Chlorophyll from Spinach By-products using Response Surface Methodology
	Maëlle Derrien, Université Laval, Canada
	Title: Electrochemical characteristics and transport properties of non-aqueous all-vanadium redox cell in ammonium based deep eutectic solvents
	Laleh Bahadori, University of Malaya, Malaysia
	Title: The effect of Magnetic Resonance Imaging (MRI) on some properties of acrylic resin denture base materials
	Amer A Taqa, University of Mosul, Iraq
	Title: Extracellular bio-mimetic green synthesis of multi-applicative silver nanoparticles
	Neeraj R Prasad, Shivaji University, India
	Title: Anti-corrosion graphene protective coating
	Sivasambu Bohm, TATA Steel R&D & IIT Bombay, India
B2B Meetings & Award Ceremony	
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