

Tentative Program

Day 1 August 25, 2014

08:30-09:30	Registrations
Hall Name	
09:30-09:55	Opening Ceremony
09:55-10:00	Introduction
Keynote Session	
10:00-10:25	Tatsuya Nabeshima, University of Tsukuba, Japan
10:25-10:50	Moinuddin Sarker, AEE-CT Chapter, USA
Coffee Break 10:50-11:05	
11:05-11:30	Mark Hayward, Active Ingredient Technologies, USA
11:30-11:55	Steven J Langford, Monash University School of Chemistry, Australia
11:55-12:20	Carlos A M Afonso, University of Lisbon, Portugal
Lunch Break 12:20-13:00	
Session Chair:	
Session Co-chair:	
Track 1: Basic Principles and New Trends in Green Chemistry	
Track 3: Green Synthesis	
Track 10: Analytical Methodologies	
Track 11: Sustainability and Environmental Safety	
13:00-13:20	Title: Methods and systems for converting plastic to fuel Moinuddin Sarker, AEE-CT Chapter, USA
13:20-13:40	Title: Plasma chemistry for suitability and environmental safety Hai-Feng Ji, Drexel University, USA
13:40-14:00	Title: A valuable resource for pharmaceutical and forensic applications Ramiz Boulos, Flinders University, Australia
14:00-14:20	Title: Electronic states and photocatalytic activities of tio2 modified with metal nanoparticles studied by far-ultraviolet spectroscopy Ichiro Tanabe, Kwansei Gakuin University, Japan
14:20-14:40	Title: In situ NMR and STD NMR to study mechanisms of enzyme catalyzed reactions to optimize use of enzymes in organic synthesis Lothar Brecker, University of Vienna, Austria
14:40-15:00	Title: Implementation of gelatin as an eco-friendly natural polymeric biosorbent for efficient removal of Cd(II), Hg(II) and Pb(II) Mohamed E Mahmoud, Alexandria University, Egypt
15:00-15:20	Title: Fluorescent Dipyrrin-Typical-element complexes responding to external stimuli Tatsuya Nabeshima, University of Tsukuba, Japan
Coffee Break 15:20-15:35	
15:35-15:55	Title: Recent structure relationship studies (SAR) on natural occurring sulfonium salts as potent α -glucosidase inhibitors Weijia Xie, China Pharmaceutical University, China
15:55-16:15	Title: The Emerging Biomass Economy William Nelson, University of Illinois, USA

16:15-16:35	Title: Supercapacitive swing adsorption of carbon dioxide	
	Kai Landskron, Lehigh University, USA	
16:35-16:55	Title: Mechanism-based molecular design of chemicals with low carcinogenicity potential	
	David Y Lai, U.S. Environmental Protection Agency, USA	
16:55-17:15	Title: Application of aquatic plant phytoremediation as green technology treatment of lead in polluted water	
	Nadia Badr, Alexandria University, Egypt	
17:15-17:35	Title: Chemical depolymerization of lignin in Ionic liquids	
	Kei Saito, Monash University, Australia	
17:35-17:55	Title: Infiltration of green chemistry concept in chemistry experiment teaching	
	Hua Yan, Logistic Engineering University, China	
17:55-18:15	Title: Nanostructured biodegradable polymeric materials through a Green Chemical approach	
	Bingbing Li, Central Michigan University, USA	
	Panel Discussions	
Cocktails	Sponsored by Journal of Environmental Analytical Chemistry	18:15-19:15
Day 2 August 26, 2014		
09:00-09:30	Registrations	
Hall Name		
Track 2: Green Chemistry-Chemical Applications		
Track 4: Green Chemistry-Catalyst Compatibility		
Track 7: Benefits of Green Chemistry		
Track 9: Industrial Applications of Green Chemistry		
	Session Chair:	
	Session Co-Chair:	
09:30-10:30	Workshop Progress in Chemistry for Suitability & Environmental Safety Haifeng Frank Ji Drexel University, USA	
	Coffee Break 10:30-10:45	
10:45-11:05	Title: Green Chemistry in a changing landscape – isn't green chemistry simply good chemistry?	
	Steven J Langford, Monash University School of Chemistry, Australia	
11:05-11:25	Title: Developing flavoprotein alkene reductases into synthetically useful catalysts for asymmetric reductions	
	Jon D Stewart, University of Florida, USA	
11:25-11:45	Title: Inverse molecular design of green catalysts for biomass conversion	
	Dequan Xiao, University of New Haven, USA	
11:45-12:05	Title: Efficient catalyst reuse by dissolution in non-conventional media	
	Carlos A M Afonso, University of Lisbon, Portugal	
12:05-12:25	Title: Improving the adsorptive properties of biomaterials for the removal of heavy metals	
	Abel E Navarro, Borough of Manhattan Community College, USA	
12:25-12:45	Title: Minimally competent lewis acids for the synthesis of glycosides	
	Robin Polt, The University of Arizona, USA	
12:45-13:05	Title: Water-medium clean organic reactions over solid catalysts with tunable nanostructures	
	Hexing Li, Shanghai Normal University, China	
Lunch Break 13:05-14:00		
14:00-15:00	Workshop Toward the Inverse Molecular Design of Green Catalysts Dequan Xiao University of New Haven, USA	

15:00-15:20	Title: An Extremely stable and highly active periodic mesoporous lewis acid silica for mukaiyama-aldol reaction in water Fang Zhang, Shanghai Normal University, China
15:20-15:40	Title: "Arylation of Weakly Acidic C-H's" Patrick j Walsh, University of Pennsylvania, USA
15:40-16:00	Title: Applications and Education of Green Analytical Chemistry Suvardhan Kanchi, Durban University of Technology, South Africa
16:00-16:20	Title: Bi-functional Catalyst for Conversion of 2-Methylfuran as an Waste Biomass Derived Chemical to Biodiesel Hattrick-Simpers, University of South Carolina, USA
	Coffee Break 16:20-16:35
16:35-16:55	Title: Catalysis, atom economy and green toxicology: tools for sustainable chemistry and drug discovery Nicholas Gathergood, Dublin City University, Ireland
16:55-17-15	Title: Recent findings on anti-tumoral and antioxidant triterpene saponins from some cameroonian medicinal plants Tapondjou A Leon, University of Dschang, Cameroon
17:15-17:35	Title: Recreational water sources and health hazard (Contamination of Recreational Water Sources to Pathogenic Acanthamoeba In Iran) Maryam Niyyati, Shahid beheshti University of Medical Sciences, Iran
	Panel Discussions
17:35-18:35	Poster Presentations
Cocktails	Sponsored by Journal of Organic Chemistry 18:35-19:30
	Day 3 August 27, 2014
	Hall Name
	Track 5: Green Chemical Solvents Track 6: Aromatic and Non-Aromatic Green Chemistry Track 8: Organic Synthesis in Different States Track 12: Green Chemistry and Engineering
	Session Introduction
09:30-11:00	Workshop Insight from Computer Modelling for Drug Discovery Ramiz A Boulos Flinders University, Australia
	Coffee Break 11:00-11:15
11:15-11:35	Title: Green Chemistry Innovation in the Synthesis of Medicines Rakeshwar Bandichhor, Dr. Reddy's Laboratories, India
11:35-11:55	Title: Development of sisal fiber reinforced cement composites as substitute of asbestos cement composites-a green chemical approach Shipra Roy, Sarojini Naidu Government Girls Postgraduate Autonomous College, India
11:55-12:15	Title: Green Processes to Diisocyanates and Polyurethane-urea Elastomers via Carbonate Raw Materials: New NPR and NIR Processes Shenghong A Dai, National Chung-Hsin University, Taiwan
12:35-12:55	Title: New Separations Strategies with an Emphasis on Recycling Chemistry for High Value Rare Earth Elements Eric J Schelter, University of Pennsylvania, USA
	Lunch Break 12:55-14:00
14:00-14:20	Title: Recent advances in heteropoly acids-catalyzed organic reactions in water Majid M Heravi, Alzahra University, Iran

14:20-14:40	Title: Supercritical fluid chromatography (SFC) interfaced to cold electrospray MS (and other common detectors), the next, go there first, analytical technique? ...and it's green too?
	Mark J Hayward, Active Ingredient Technologies, USA
14:40-15:00	Title: Novel organic transformations in aqueous media
	J S Yadav, Indian Institute of Chemical Technology, India
15:00-15:20	Title: Polymer-Supported Siloxane Transfer Agents: a Green Chemistry Approach toward Cross-Coupling
	Minh H Nguyen, University of Pennsylvania, USA
15:20-15:40	Title: Biomass to fuel gas conversion through low pyrolysis temperature induced by gamma radiation
	Ahmed M A El Naggat, Egyptian Petroleum Research Institute (EPRI), Egypt
	Panel Discussions
	Award Ceremony and Website Launch
Please note that this is a tentative program. Timings in this program may subject to change	
	For any further details or queries please contact us greenchemistry2014@omicsonline.us