2nd International conference on

conferenceseries.com **Industrial Chemistry and Water Treatment**

May 22-23, 2017 Las Vegas, USA



SLOTS AVAILABLE !!!

8 Plenary Speeches

7 Posters

Day 1 (May 22, 2017)

08:00-08:45	Registrations
08:50-09:20	Opening Ceremony
09:20-09:40	Introduction

Keynote Forum

09:45-10:15	Title :Emerging of Stretched and Contracted Helices of Substituted Polyacetylenes and its Molecular Oscillation in Solution Masayoshi Tabata, Muroran Institute of Technology, Japan
10:15-10:45	Title : Integrated membrane processes for sustainable industrial production and water treatment Lidietta Giorno, Institute on Membrane Technology, National Research Council, Italy
	Group Photo
	Coffee Break 10:45-11:05
11:05-11:35	Title :Crystalline/amorphous low energy bandgap TiO2 materials prepared in solution and their industrial applications Hyoyoung Lee, Sungkyunkwan University, Republic of Korea
11:35-12:05	Title : Numerical simulation of laterally confined vertical buoyant jets Majid Mohammadian, University of Ottawa, Canada

Industrial Chemistry | Organic Chemistry: Mech and Biomol | Inorganic Chemistry: The Elements | Medicinal Chemistry: Fusion of Traditional Medicine | Chemistry of Transition Elements | Drug Chemistry | Food Chemistry | Electrochemistry

	Session Introduction
	Session Chair: TBD Session Co-Chair: TBD
12:05-12:30	Title: Properties of porous alumina ceramics Zaw Ye Maw Oo, Mendeleev University of Chemical Technology of Russia, Russia
12:30-12:55	Title: Optimization using central composite design (CCD) and the desirability function for biosorption of methylene blue from aqueous solution onto dried sunflower seed hull Gbekeloluwa Oguntimein, USA
12:55-13:20	Title: Hybrid Water Treatment Process of Alumina Ceramic Ultrafiltration and PP Beads with Air Back-flushing: Effect of pH and Polypropylene Beads Jin Yong Park, South Korea
	Lunch Break 13:20-14:20
14:20-14:45	Title: Small organic molecules as catalysts for asymmetric direct aldol reactions in aqueous media: A green chemistry approach for industrial applications Kartick C Bhowmick, University of Texas at San Antonio, USA

Boiler Water Treatment | Cooling Water Treatment | Green Water Treatment | Membrane Treatment | Raw Water / Potable Water Preparation | Waste Water Treatment | Nano Materials in Water Treatment | Ultrapure Water Production

14:45-15:10	Title : Process improvement for arsenic removal from“dirty acid wastewater

14:45-15:10	Dongyun Du, South-Central University for Nationalities, China
15:10-15:35	Title: Graphene Modified Anodes in a Cross-Linked Microbial Fuel Cell (CMFC) for the Treatment of Real Wastewaters and Energy Generation Arvind Mungray, National Institute of Technology, India
15:35-16:05	Title: Continuous fixed-bed column study for the removal of nitrate from water using chitosan/alumina composite Wondalem Misganaw Golie, Indian Institute of Technology Delhi, India
16:05-16:30	Title: Water-saving eco-friendly cooling tower development and its performance evaluations Xiaomin Wu, Tsinghua University, China
	Coffee Break 16:30-16:50
16:50-17:15	Title: The potential of natural gelatin generated from Sisymbrium irio seed in water treatment processes Soraya Hosseini, Malyasia

Pharmaceutical Chemistry | Analytical Chemistry | Stereochemistry of Metallic Compounds | Organic Acids, Amines, Esters and Phenols | Chemistry of Alkyl Halides, Alcohols & Ethers | Amino acids, Peptides, Proteins & Nucleic acids | Alkenes, Alkynes and Aromatic Compounds | Organometallic Chemistry | Formulation Chemistry and Technology | Surface and Colloid Chemistry

	Session Introduction
	Session Chair: TBD Session Co-Chair: TBD
17:15-17:40	Title: Need for Speed - Building a Global Culture of Innovation Hyleme George, Black & Veatch, USA
17:40-18:05	Title: Need for Speed: Building a Global Culture of Innovation Edward Croteau, Black & Veatch, USA

Day 2 (May 23, 2017)

Keynote Forum

09:00-09:30	Title :Precise Synthesis of Substituted Polyacetylenes Fumio Sanda, Kansai University, Japan
09:30-10:00	Title : Chemoenzymatic Synthesis of Polysaccharide-grafted Polymeric Materials Jun-ichi Kadokawa, Kagoshima University, Japan
10:00-10:30	Title :Unusual phenomena in helix-sense-selective polymerization of achiral acetylenes Toshiki Aoki, Niigata University, Japan
10:30-11:00	Title : Hydrogen Technology for Automobiles in the 21st Century Towards a More Secure and Cleaner Dhanesh Chandra, University of Nevada, USA
	Coffee Break 11:00-11:20

POSTER PRESENTATION (11:20-12:20)

INDUSCHEM 01	Title : Inactivation and degradation of antibiotic-resistant bacteria and its gene by Cu(II)/H2O2 system Byung-Taek Oh, Chonbuk National University, Republic of Korea
INDUSCHEM 02	Title: Physico-Chemical Analysis of Bore – Well Water Of Kheda District, Gujarat (India) Disha Soni, J& J College of Science, India
INDUSCHEM 03	Title: Decontamination of polluted water by veterinary antibiotics by studying the photochemical behavior under light excitation Soumaya Mezghich, Blaise Pascal University, France
INDUSCHEM 04	Title: Water-saving eco-friendly cooling tower development and its performance evaluations Rasoul Kazemi, Azad University, Iran
INDUSCHEM 05	Title : Water Hyacinth: from threat to value-added product via HTC Silvia Roman, University of Extremadura (UEX), Spain
INDUSCHEM 06	Title: Microalgae nitrogen recovery using hydrothermal carbonization Silvia Roman, University of Extremadura (UEX), Spain
INDUSCHEM 07	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
INDUSCHEM 08	Title: Other Seawater Desalination Method Guyteau Bayard, Canada

INDUSCHEM 09	**Title : Recyclable Silica sulfuric acid catalyzed Novel construction of spiro[pyrazolo[4,3-d]pyrimidinones, spiro 2,3-dihydro quinazolin-4(3′H)-diones and their biological evaluation** **Pavana Kumari, Sri Satyasai Institute of Higher Learning, India**
INDUSCHEM 10	**Title: Modelling of temperature for Simple Solar Still hybrid with Heat Pump (SSDHP)** **Hidouri Khaoula, National engineering school of Gabes, Tunisia**
INDUSCHEM 11	**Title : Functionalized gold nanoparticles based colorimetric sensors for heavy metal ions from waste water** **Palash Mondal, Arizona State University, USA**
INDUSCHEM 12	**Title: Kinetics and mechanism of sorption of Cr(VI) by nanoparticles of synthetic magnetite** **Oleg Linnikov, Ural Branch of the Russian Academy of Sciences, Poster**
	Session Introduction
Agro-based Industries and Industrial Processes | Chemicals & Pharmaceuticals | Food, Beverage & Tobacco | Industrial Water Supply | Geochemistry | Mining & Metallurgy | Oil & Gas | Power Generation | Paper & Pulp | Desalination | Membrane Technology-Nano Filtration and Reverse Osmosis | Hazardous Waste Management	
	Session Chair: TBD **Session Co-Chair: TBD**
12:20-12:45	**Title: Filed Demonstration of a portable TS-af-HFM nanofiltration process for the cost-effective treatment of oilfield produced water** **Jianjia Yu, PRRC/New Mexico Tech, USA**
12:45-13:10	**Title: Application of Ultrasound to control and Enhance Performance of Dynamic Membrane in Anaerobic Bioreactor** **Alka A. Mungray, National Institute of Technology, India**
	Lunch Break 13:10-14:00
14:00-14:25	**Title: Quality assessment of groundwater from Avenorfeme: Akatsi District, Ghana** **Victus Samlafo, University of Education, Ghana**
14:25-14:50	**Title: Investigation the efficiency of conventional water treatment processes for the elimination of TOC in Jalaliyeh water treatment plant** **Ali Asghar Najafpoor, The University of Newcastle, Australia**
14:50-15:15	**Title : Preparation and characterization of chitosan coated diatomaceous earth for hexavalent chromium removal** **Suhaib Salih, University of Missouri-Columbia, Missouri**
15:15-15:40	**Title : A numerical study on longitudinal vortex induced enhancement of mass transfer in a membrane channel** **Jingchun Min, Tsinghua University, China**
15:40-16:05	**Title : Decontamination of polluted water by veterinary antibiotics by studying the photochemical behavior under light excitation** **Soumaya Mezghich, Blaise Pascal University, France**
	Coffee Break 16:05-16:25
Petro-Chemistry | Lead Drug Discovery | Petroleum and Polymer Processing | White Biotechnology and Green Chemistry | Material Science and Chemical Metallurgy | Industrial Photo Chemistry	
16:25-16:55	**Title: A Green Polyester and Products from Carbon Dioxide, Water and Solar Power** **Jian Yu, USA**
16:55-17:20	**Title: Porous Silicon Nanoparticles and Magnetite-Chitosan-Reduced Graphene Oxide for Simultaneous Removal of Heavy Metals and Anionic Surfactant** **Mingtan Hai, University of Science and Technology Beijing, China**
17:20-17:45	**Title: Microwave Applications in Petroleum Processing** **Adango Miadonye, Cape Breton University, Canada**
	Panel Discussion
	Award Ceremony



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