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520th Conference

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Scientific Program

International Conference on

Industrial Chemistry

June 27-28, 2016 New Orleans, Louisiana, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 June 27, 2016

08:30-09:00 Registrations

Salon 4

conferenceseries.com **09:00-09:10** Opening Ceremony

Keynote Forum

09:10-09:20 Introduction

09:20-09:50 **Title: Practical process for the chemical recycling of PET**
Do Hyun Kim, Korea Advanced Institute of Science & Technology, South Korea

09:50-10:20 **Title: Metal-catalyzed asymmetric C-H amination of alkenes**
Radhey Srivastava, University of Louisiana, USA

Track 1: Petroleum and Organic Industrial Chemistry
Track 6: Nano Technology involved in Industrial Chemistry
Track 8: Industrial Photo Chemistry
Track 9: Textile Industrial Chemistry, Textile Engineering and Apparel Industry

Session Introduction

Session Chair: Haroldo A Ponte, Federal University at Paraná, Brazil

Session Co-chair: Gu Tao, Southwest Petroleum University, China

10:20-10:45 **Title: Biodiesel from alligator fat using supercritical methanol via a laboratory scale flow reactor**
August A Gallo, University of Louisiana at Lafayette, USA

10:45-11:10 **Title: Textile dye biosorption onto dried alkali treated sunflower seed hull: Isotherms, kinetics, thermodynamic studies and batch adsorber design**
Gbekeloluwa B Oguntimein, Morgan State University, USA

Network and Refreshment Break: 11:10-11:25 @ Foyer

11:25-11:50 **Title: Nano-TiO_2 photo catalysts: Doping, morphology control and immobilization**
Jian-Wen Shi, State Key Laboratory of Electrical Insulation and Power Equipment, China

11:50-12:15 **Title: Synthesis, characterization and application of carbon dots**
Roger M Leblanc, University of Miami, USA

12:15-12:40 **Title: Behavior analysis of a porous bed electrochemical reactor. The treatment of petrochemical industry wastewater contaminated by hydrogen sulfide (H_2S)**
Haroldo A Ponte, Federal University at Paraná, Brazil

Lunch Break: 12:40-13:25 @ Salon 5&6

13:25-13:50 **Title: Characterization of the corrosion of oil well cement exposed to H_2S under high sulfur gas reservoir conditions**
Gu Tao, Southwest Petroleum University, China

13:50-14:15 **Title: Corrosion inhibition of mild steel in formic acid and citric acid using tamarind *(Tamarindus indica)* extract**
Linus Okoro, American University of Nigeria, Nigeria

Young Research Forum

14:15-14:35 **Title: Application of singlet oxygen generated in heterogeneous systems in various oxidation reactions**
Katarzyna Piwowar, Silesian University of Technology, Poland

14:35-14:55 **Title: Ho_2O_3-modified MnOx-TiO_2 catalyst for SCR De-NOx with N**
Chen Gao, Centre of Nanomaterials for Renewable Energy, China

14:55-15:15	**Title: Adsorptive removal of excess fluoride in drinking water using silica rich reddish black clay soils: Adsorbent preparation, performance and study of adsorption mechanisms** **Tholiso Ngulube,** Indonesia University of Venda, South Africa

Network and Refreshment Break: 15:15-15:30 @ Foyer

15:30-15:50	**Title: Environment-induced conformational and functional changes of l-2-haloacid dehalogenases** **Yayue Wang,** University of Chinese Academy of Sciences, China
15:50-16:10	**Title: Supermagnetic recyclable Bi/Fe-based nanomaterial with multiple functionalities and its potential practical application in environmental decontamination** **Zhong-Ting Hu,** Nanyang Technological University, Singapore
16:10-16:30	**Title: Mass transfer resistance of simultaneous extraction and stripping of Hg (ii) from petroleum produced water via HFSLM** **Thanaporn Wannachod,** Chulalongkorn University, Thailand

Day 2 June 28, 2016

Salon 4

Keynote Forum

09:30-10:00	**Title: Elimination of nitrogen and phosphorous compounds from industrial and domestic effluents using vertical bioreactors** **Manuel Alvarez Cuenca,** Ryerson University, Canada
10:00-10:30	**Title: Evaluation of monomeric sugar yield from various grasses grown in thailand as biofuel feedstock by two-stage pretreatment process** **Sujitra Wongkasemjit,** Chulalongkorn University, Thailand
10:30-11:00	**Title: Emerging stretched and contacted helices and its stimuli induced mutual conversion of substituted poly acetylenes prepared with an organo-rhodium catalyst** **Masayoshi Tabata,** Muroran Institute of Technology, Japan

Network and Refreshment Break: 11:00-11:15 @ Foyer

Track 3: Industrial Polymers, Metals and Composites Chemistry
Track 5: Applied Chemistry
Track 11: Production of Food and Beverages

Session Introduction

Session Chair: Gbekeloluwa B Oguntimein, Morgan State University, USA

Session Co-chair: Sadanandan E. Velu, University of Alabama at Birmingham, USA

11:15-11:40	**Title: Fostering sustainable disease management: The role of a global citizens movement** **Abraham Badu-Tawiah,** Ohio State University, USA
11:40-12:05	**Title: Wetting of the coated surface: Super hydrophobic surface and SLIPS** **Do Hyun Kim,** Korea Advanced Institute of Science & Technology, South Korea
12:05-12:30	**Title: Failure analysis of fiber reinforced plastics light pole** **Mohamed Bassyouni,** King Abdulaziz University, Saudi Arabia
12:30-12:55	**Title: Novel and facile eco-friendly method of synthesis poly (o-aminophenol) homopolymer and (o-aminophenol)-m- phenylene diamine copolymer based on mechano-chemical solid state polymerization** **Mohamed Helmy Abdelaziz Mousa,** King Abdulaziz University, Saudi Arabia

Lunch Break: 12:55-13:40 @ Salon 5&6

Track 4: Industrial Pharmaceutical and Cosmetic Chemistry
Track 14: Industrial Processes, White Biotechnology and Green Chemistry

Session Introduction

Session Chair: Abraham Badu-Tawiah, Ohio State University, USA

Session Co-chair: Mohamed Bassyouni, King abdulaziz University, Saudi Arabia

13:40-14:05	**Title: 2D Mesoporous silicas with hexagonal pore ordering and organic groups containing sulfur atoms** **Izabela Nowak,** Adam Mickiewicz University in Poznan, Poland
14:05-14:30	**Title: Effect of nanosized layered double hydroxide on flammability, thermal and optical properties of polypropylene** **Mohamed Zoromba,** King Abdulaziz University, Saudi Arabia
14:30 -14:55	**Title: Thermal sterilization of microorganisms** **Muhammad Shahid,** University of New South Wales, Australia
14:55-15:20	**Title: Discovery and development of synthetic tricyclic pyrroloquinone alkaloid analogs for human cancer therapy** **Sadanandan E Velu,** University of Alabama at Birmingham, USA
15:20-15:45	**Title: Mesoporous silica of KIT-5 type modified with functional groups – synthesis, characterization and catalytic application** **Izabela Nowak,** Adam Mickiewicz University in Poznan, Poland

Network and Refreshment Break: 15:45-16:00 @ Foyer

Poster Presentations from 15:00-15:45 @ Foyer

ICHP011	**Title: Application of mesoporous materials to hydrogenation and Bayer villiger oxidation of citral** **Izabela Nowak,** Adam Mickiewicz University in Poznan, Poland
ICHP012	**Title: Energy content of alcohol fuels and blends with gasoline and kerosene** **Linus Okoro,** American University of Nigeria, Nigeria

Award Ceremony



Upcoming Related Conferences

2nd International Conference on

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