Joint Event

8th International Conference on Environmental Chemistry and Engineering

&

7th Edition of International Conference on Green Energy, Green Engineering and Technology

September 20-22, 2018 | Berlin, Germany
D A Y -1

September 20, 2018
Meeting Hall: Sylt 3

08:30-09:00 Registrations

Opening Ceremony 

09:00-09:20

KEYNOTE FORUM

09:20-09:30  Introduction

09:30-10:00  Title: Emerging business sustainability in Europe: Its education, practice and research implications
             Zabihollah Rezaee, University of Memphis, USA

            Title: An overview of the behavior of some Polycyclic Nitroaromatic Hydrocarbons (NPAHs) upon
             irradiation in solution and when adsorbed on solid surfaces
             Ian S Butler, McGill University, Canada

10:00-10:30  Title: Advances in finite volume and lattice Boltzmann method simulation of melting in latent heat
             thermal energy storage systems
             Yuwen Zhang, University of Missouri, USA

GROUP PHOTO 11:00-11:05

11:05-11:20  Networking & Refreshments @ Sylt Foyer

11:20-11:50  Title: CO₂ and carbon capturing, utilization and valuation
             Paul O’Connor, ANTECY, Netherlands

Sessions: Environmental Chemistry and Engineering | Environmental Education | Earth and Geochemistry | Chemical and Polymer Engineering | Environmental Climatic Factors | Environmental Health | Environmental Ecosystems | Environmental Technologies and Sustainability Metrics | Green Chemistry | Energy Storage & Conversion | Environmental Chemistry & Pollution Control | Energy & Environment

Chair: Ryan M. Richards, Colorado School of Mines, USA
Co-Chair: Raquel Jiménez-Melero, Universidad de Jaén, Spain

INTRODUCTION

11:50-12:10  Title: New opportunities in a personalized approach to the preleukemic phase of myelodysplastic
             syndrome and acute myelogenous leukemia
             Emmanuel C Besa, Thomas Jefferson University, USA

            Title: Influence of sonication on the catalytic activity of Cu₄Co₃₋ₓO₄ nanocatalysts for conversion of
             CO into CO₂ efficiently
             Abd El-Aziz Ahmed Said, Assiut University, Egypt
12:30-12:50  Title: Electro-coagulation/flotation for the simultaneous removal of oil and grease and heavy metals from artificial bilge water
Guillermo J Rincon, University of New Orleans College of Engineering, USA

12:50-13:10  Title: Mediterranean small ponds: One of the most threatened ecosystems in the world
Raquel Jiménez-Melero, Universidad de Jaén, Spain

Lunch Break 13:10-13:55 @ Restaurant Rienäcker

13:55-14:15  Title: A green PVC dream is coming true in China: Heterogeneous non-mercury catalysts and related process for acetylene hydrochlorination
Guohua Luo, Tsinghua University, China

13:55-14:15  Title: Green production of PVC from lab to industrialization: Heterogeneous non-mercury catalysts for acetylene hydrochlorination
Hao Xu, Tsinghua University, China

14:15-14:35  Title: Competitive sorption of anionic dyes on CoFe-layered double hydroxide in single and binary solutions
Ime Akanyeti, Cyprus International University, Turkey

14:35-14:55  Title: Real time monitoring and control system for drinking water quality insurance
Jasim M. Salman, Al-Nisour University College, Iraq

14:55-15:15  Title: Low-impact seismic retrofit technologies for school buildings
Terenzi Gloria, University of Florence, Italy

15:15-15:35  Title: Long-term energy saving potential: The case of Korea
Kyung-Jin Boo, Seoul National University, South Korea

Networking & Refreshments 15:55-16:10 @ Sylt Foyer

16:10-16:30  Title: Activated carbons preparation from olive stones for bisphenol A and Diuron adsorption
Nadia El Ouahedy, University of Poitiers, France

16:30-16:50  Title: The effects of biodegradable coating on properties of printing paper
Rouzbeh Asadi Khansari, Technical and Vocational University, Iran

16:50-17:10  Title: Medical geology applications of an African geochemical database
Theophilus Clavell Davies, University of Nigeria, Nigeria

17:10-17:30  Title: Selective catalytic reduction of NOx by CO under oxygen condition over Cu:Ce catalysts supported by carbon nanotubes
Zahra Gholami, Tsinghua University, China

17:30-17:50  Title: Survey on chemical use situation among household community products on cosmetics and hazardous substances in Nonthaburi Province, Thailand
Sarisak Soontornchai, Sukhothai Thammathirat Open University, Thailand

17:50-18:10  Title: CFD modeling of cattle manure anaerobic digestion for evaluating agitation via mixer
Alireza Noorpoor, University of Tehran, Iran

Panel Discussion
DAY-2
September 21, 2018
Meeting Hall: Sylt 3

KEYNOTE FORUM

09:20-09:30  Introduction

09:30-10:00  Title: Nanostructured materials with unique catalytic properties for renewable energy technologies
Ryan M. Richards, Colorado School of Mines, USA

10:00-10:30  Title: Robust, high resolution affinity capture of environmental pollutants
Bo Mattiasson, Lund University, Sweden

Sessions: Green Technology & Energy Science | Green Engineering | Biomass & Biofuels | Sustainable Development | Applications of Environmental Chemistry | Environmental Geology | Renewable Energy Sources and Storages | Pollution Control Chemistry and Green Chemistry | Environmental Hazards | Environmental Biotechnology

Chair: Yuwen Zhang, University of Missouri, USA
Co-Chair: Jasim M. Salman, Al-Nisour University College, Iraq

INTRODUCTION

10:30-10:50  Title: Geochemical tools help overcoming obstacles to discover 50 TCF gas in Peru – now we have big petrochemical industries
José Vilca, Private University of Tacna, Peru

10:50-11:10  Title: Transport of Styrene Oligomers (SOs) derived from polystyrene plastic into ocean by precipitation in Tokyo Bay
Bum Gun Kwon, Chosun College of Science and Technology, South Korea

Networking & Refreshments 11:10-11:25 @ Sylt Foyer

11:25-11:45  Title: Solar Wi-Fi eco bin
Dheepika Tamilselvam, Solar Outdoor Media, Germany

11:45-12:05  Title: Temperature tolerance test exposition with temperate sea anemone Actinia equina, a climatic and environmental changes simulation
Juliana Rodrigues Gadelha, Universidade do Porto, Portugal

12:05-12:25  Title: Banned and restricted organic pesticides still used in farms in Northern Mindanao, Philippines
Maria Luisa Baiño-Salingay, IHE-Delft Institute for Water Education, Netherlands

12:25-12:45  Title: Uses of cyclohexanediones for the synthesis of nitrogen and/or sulfur heterocyclic compounds together with their cytotoxic evaluations
Rafat M. Mohareb, Cairo University, Egypt

12:45-13:05  Title: Role of thermodynamic properties of ionic liquids in industries to reduce pollution
Vinod Kumar, Maharshi Dayanand University, India

Lunch Break 13:05-13:50 @ Restaurant Rienäcker
Poster Presentations 13:50-14:10

Poster Judge: Bo Mattiasson, Lund University, Sweden

GT-01 Title: Control of polymorphism of calcium carbonate compounds in the cementitious materials by pH control
Heesup Choi, Kitami Institute of Technology, Japan

EC-02 Title: Intensification of mass transfer process using deep eutectic solvents and nanosuspensions
Anamarija Mitar, University of Zagreb, Croatia

EC-03 Title: Persistent and emerging pollutants detection on aquacultures oysters (*Crassostrea gigas*) from Northwestern Portugal coast (Ria de Aveiro, Aveiro district)
Juliana Rodrigues Gadelha, Universidade do Porto, Portugal

EC-04 Title: Spatial temporal characterization of the water quality of the Vixán lagoon (Northwestern Iberian Peninsula)
Juliana Rodrigues Gadelha, Universidade do Porto, Portugal

EC-05 Title: Heterocyclization of chalcone acetophenone derivatives and antitumor evaluation of the newly synthesized products
Eman M Samir, National Oranization for Drug Control & Research, Egypt

Video Presentations

14:10-14:30 Title: Development of green technologies and complex analysis of the green and blue roof systems
Natalia Shushunova, National Research Moscow State University of Civil Engineering, Russia

Young Research Forum

YRF Judge: Yuwen Zhang, University of Missouri, USA

14:30-14:50 Title: Simultaneous oil extraction and trans-esterification of high acidity rapeseed oil
Miglė Šantaraitė, Aleksandras Stulginskis University, Lithuania

14:50-15:10 Title: Green extraction of soluble matter from Cabuya by pulsed electric fields
Alejandra Rivera, Escuela Politécnica Nacional, Ecuador

15:10-15:30 Title: Reduction of ammonia emissions from livestock manure in intensive bovine holdings using bio preparations
Reda Mažeikienė, Aleksandras Stulginskis University, Lithuania

Sessions: Biomass & Biofuels | Applications of Environmental Chemistry | Environmental Geology | Renewable Energy Sources and Storages | Pollution Control Chemistry and Green Chemistry | Environmental Hazards | Environmental Biotechnology

Chair: Yuwen Zhang, University of Missouri, USA
Co-Chair: Jasim M. Salman, Al-Nisour University College, Iraq

15:30-15:50 Title: Microwave assisted synthesis of novel dihydropyrazolo[1,5-a]pyrimidine, [1,2,4]triazolo[1,5-a]pyrimidine and 3,4-dihydrobenzo[4,5]imidazo[1,2-a]pyrimidine derivatives incorporating Schiff base moiety as potential anticancer agents
Ahmed Younis, National Research Centre, Egypt

Networking & Refreshments 15:50-16:05@Sylt Foyer
Title: Comparative study of biodiesel production from indigenous resources of Pakistan
Samo Saleem Raza, Quaid-e-Awam University of Engineering, Sciences and Technology, Pakistan

Title: An advanced oxidation process based on Fenton reactions for reduction of environmental impact of leather tanning effluents as an efficient method for wastewater treatment
El-Shahat H A Nashy, National Research Centre, Egypt

Title: Urban geochemistry of African megacities
Theophilus Clavell Davies, University of Nigeria, Nigeria

Title: Development of an experimental model for assessing CO₂ working capacity of the combined cycle power plant on mesoporous graphene oxide-TiO₂ nanocomposite
Alireza Noorpoor, University of Tehran, Iran

Title: The emergence of environmental chemistry in modern era and its effect
Yakubu Muntaka Musah, University of Professional Studies, Ghana

Panel Discussion
Awards & Closing Ceremony

DAY-3
September 22, 2018

Extended Networking & Lunch 12:30-13:30 @Restaurant Rienäcker