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Trends in Green Chemistry
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Joint Event

Proceedings of
3rd Annual Congress on

Pollution and Global Warming

&

4th International Conference on

Past and Present Research Systems of Green Chemistry

October 16-18, 2017 Atlanta, USA

Conference Series LLC Ltd
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Day 1 October 16, 2017

08:00-09:00 Registrations

Piedmont 2

conferenceseries.com 09:00-09:30

Opening Ceremony

Keynote Forum

Introduction

09:30-10:00 **Title: NuEnergy's power house generator and clean water system: A game changing disruptive technology which will revolutionize the sustainable energy industry**
Hector M Guevara, NuEnergy Technologies, USA

10:00-10:30 **Title: Refrigerants and building codes nexus**
Essam E Khalil, Cairo University, Egypt

10:30-11:00 **Title: A green chemistry approach to fluorescence: Silica nanoparticles encapsulated dyes**
Gabor Patonay, Georgia State University, USA

Group Photo

Panel Discussion

Networking & Refreshment Break 11:05-11:30 @ Piedmont Prefunction

11:30-12:00 **Title: ToxBox – A tool for evaluating anthropogenic micropollutants in drinking-water**
Eckhardt Alexander, Federal Environment Agency (UBA), Germany

12:00-12:30 **Title: Concurrent storage of heat and electricity**
Ron Tolmie, HEAT NETWORKS, Canada

Special Session

12:30-13:30 **Title: Supernova explosion's space weather: Correlated mega fauna extinctions and biosphere mega-disturbances global warming & WZ Sagittae, SN 1054 and SN 1006 space weather**
William P Sokeland, University of Florida, USA

Panel Discussion

Lunch Break 13:30-14:15 @ OAK

Session:
Green Catalysis | Green Chemistry Applications | Green Synthesis and Designing | New Trends in Green Chemistry | Green Chemical Solvents | Green Metrics and Measurements | Solar Energy in Action | Organic Synthesis | Climate change | Renewable Energy | Global Warming

Session Chair: Ron Tolmie, HEAT NETWORKS, Canada
Session Co-chair: Gabor Patonay, Georgia State University, USA

Session Introduction

14:15-14:45 **Title: Gas Chromatography-Mass Spectrophotometric (GC-MS) studies on therapeutic potentials of *Costus afer ker gawl* leaves**
Cynthia E Ogukwe, Federal University of Technology, Nigeria

14:45-15:15 **Title: Catalytic specificity of polystyrene-stabilized PdO nanoparticles for Hiyama coupling reaction in water and the associated mechanism**
Atsushi Ohtaka, Osaka Institute of Technology, Japan

15:15-15:45 **Title: Synthesis of expensive N-phenylmaleimide derivatives and its green Diels Alder reaction**
Manisha Nigam, University of Pittsburgh, USA

Panel Discussion

Networking & Refreshment Break 15:45-16:00 @ Piedmont Prefunction

16:00-16:30 **Title: Synthesis of gelatin stabilised high aspect ratio gold nanorods with enhanced biological stability as effective photothermal agent for cancer therapy**
Oluwatobi S Oluwafemi, University of Johannesburg, South Africa

16:30-17:00	**Title: From homogeneous to heterogeneous catalysis towards greener chemistry: The zeo-click and zeolite-based organic synthesis approaches** **Patrick Pale,** University of Strasbourg, France
17:00-17:30	**Title: Influences of irrigation, fertilizers on growth and yield of two sugar beet varieties in Egypt** **Safi-naz S Zaki,** National Research Centre, Egypt
	Panel Discussion

Day 2 October 17, 2017

Piedmont 2

Keynote Forum

08:50-09:15	**Introduction**
09:15-09:45	**Title: Bowtie analysis of global warming: Linking mitigation to adaptation** **Melvin L. Myers,** Emory University, USA
09:45-10:15	**Title: Flow regimes in an open-roof air conditioned stadium** **Essam E Khalil,** Cairo University, Egypt

Special Session

10:15-11:15	**Title: Proof of supernova explosion's space weather: WZ Sagittae space weather & global warming and cooling: Friend and foe to mankind** **William P Sokeland,** University of Florida, USA

Panel Discussion

Networking & Refreshment Break 11:15-11:30 @ Piedmont Prefunction

Session

Industrial Applications of Green Chemistry | Analytical Methodologies | Sustainability and Environmental Safety | Green Chemistry and Engineering | Waste Management Strategies | Green Materials and Marketing | Fossil Fuels and Energy | Waste Management & Treatment | Soil Pollution | Climate Change

Session Chair: Patrick Pale, University of Strasbourg, France

Session Introduction

11:30-12:00	**Title: Surface methodological approach of *Pleurotus florida* biowaste towards aspirin drug** **S Padmavathy,** Bishop Heber College, India
12:00-12:30	**Title: Salen-quinoxolinol ligand supported Cu(II) catalysts for oxidations in aqueous systems** **Anne Elizabeth** Vivian Gorden, Auburn University, USA
12:30-13:00	**Title: *Pleurotus florida*: Myco- community in carcinogenic metal ions uptake capacity** **Pungayee Alias Amirtham,** Cauvery College for Women, India
13:00-13:30	**Title: Potential impacts of climate change on the built environment: ASHRAE climate zones, building codes and national energy efficiency** **Joshua R New,** University of Tennessee, USA

Panel Discussion

Lunch Break 13:30-14:15 @ OAK

14:15-14:45	**Title: The lack of awareness on climate change** **Rohail Riaz Khoushab,** De Anza College, USA
14:45-15:15	**Title: Synthesis of fluorinated bicyclic molecule via Prins cyclization using electro-generated acid** **Kouichi Matsumoto,** Kindai University, Japan

Panel Discussion

Networking & Refreshment Break 15:15-15:45 @ Piedmont Prefunction

15:45-16:30	**Title: Graphene: A promising nano-reinforcement for functional composite materials** **Velram Balaji Mohan,** The University of Auckland, New Zealand

Poster Presentations 16:30-17:30

Poster Judges	**Melvin L. Myers,** Emory University, USA **Eckhardt Alexander,** Federal Environment Agency (UBA), Germany

GCPG 01	**Title: Distribution of the aligned nanofibers in centrifugal spinning system** **Seong Baek Yang,** Kyungpook National University, Republic of Korea
GCPG 02	**Title: Polypropylene/carbon nanotube for bonding of carbon fiber reinforced plastics for automotive fender applications** **Seong Baek Yang,** Kyungpook National University, Republic of Korea
GCPG 03	**Title: Plasma-catalytic dry reforming of butane for syngas production over highly effective Ni supported catalyst** **Young Sun Mok,** Jeju National University, South Korea
GCPG 04	**Title: How did AFROGREENTECH work** **Leuga Monkam Ignace Bertrand,** AfroGreenTech, Cameroon
GCPG 05	**Title: Extraction of phenolic compounds from olive pomace by Deep Eutectic Solvents (DESs)** **Aranzazu Garcia Borrego,** Campus Universitario Pablo de Olavide, Spain
Panel Discussion	

Day 3 October 18, 2017

Piedmont 2

Session:
Climate Change | Pollution | Fossil Fuels and Energy | Waste Management & Treatment | Soil Pollution

Session Chair: Hector M. Guevara, NuEnergy Technologies Corp., USA
Session Co-chair: William P Sokeland, University of Florida, USA

Session Introduction

09:15-09:45	**Title: Energy and resource recovery from litters generated in a community for reducing green house gas emission and mitigating climate change effects** **Hammed Taiwo Babatunde,** University of Ibadan, Nigeria
9:45-10:15	**Title: Role of V V Mineral in reducing global warming through green mining technology of garnet** **T Anitha,** V.V.Mineral Environmental, India
10:15-10:45	**Title: Pesticide contaminations and public perceptions on its effect to human health: Case study of Philippines and Vietnam** **Maria Luisa Baiño-Salingay,** IHE Delft Institute of Water Education and Technical University of Delft (TU Delft), Netherlands
Panel Discussion	
Networking & Refreshment Break 10:45-11:15 @ Piedmont Prefunction	
Young Researchers Forum	

Session Chair: Patrick Pale, University of Strasbourg, France

11:15-11:45	**Title: Mesoporous zeolite BEA: Synthesis, characterization and their catalytic application in multi-component reactions** **Jenifer J Gabla,** S V National Institute of Technology, India
11:45-12:15	**Title: Reassessing economic growth, carbon emissions, and the UNFCC: A difference-in-differences approach** **Eren Cifci,** Georgia Institute of Technology School of Economics, USA
12:15-12:45	**Title: Environmental remediation and interventions to global warming and climate change** **Agham Delphine Tanyi,** University of Buea, Cameroon
Panel Discussion	
Lunch Break 12:45-13:45 @ OAK	
13:45-14:15	**Title: Design of biofuel production units from *Jatropha curcas*** **Mouako Djeumako Boris,** National School of Agro-Industrial Sciences of Ngaoundere, Cameroon
Video Presentation	
14:15-14:40	**Title: Green Chemistry and solid waste management in Brazil** **Marcus Vinicius Araujo,** UniFOA, Brazil
Panel Discussion	
Closing and Award Ceremony	