Scientific Program

Annual Congress on
Environmental Pollution and Sustainable Energy

July 20-22, 2017   Melbourne, Australia
Day 1  July 20, 2017

09:00-09:30  Registrations

09:30-09:45  Opening Ceremony

Keynote Forum

09:45-10:30  Title: TiO$_2$-based nanotubes for pollutants degradation
Adriana Zaleska-Medynska, University of Gdansk, Poland

10:30-11:15  Title: Empowering schools for waste free safe hydration during climate change: Water for schools, a practical model
Elizabeth Beaumont, Highly Commended Leadership for Sustainability, Australia

Group Photo

Networking & Refreshment Break: 11:15-11:30 @ Pre Conference Area

Sessions:
Pollution Solutions | Pollution Effects | Pollution Sources | Waste Management | Human Impact on the Environment

Session Introduction

Session Chair: V Preethi, Hindustan University, India

11:30-12:00  Title: Changes in grassland chemical soil properties four years after cessation of long-term fertilization with compost and slurry
Marie Stybnarova, Agrovyzkum Rapotin Ltd., Czech Republic

12:00-12:30  Title: Water stability of a new antifouling biocide Tralopyril and its toxicity to freshwater algae, *Pseudokirchneriella subcapitata*
Lavtizar Vesna, Kobe University, Japan

12:30-13:00  Title: Catalytic reduction of nitrate in water with catalysts made of palladium-indium on aluminum-pillared montmorillonite
Sangjo Jeong, Korea Military Academy, South Korea

Lunch Break: 13:00-14:00 @ Grill 3182 Restaurant

14:00-14:30  Title: New analytical method for simultaneous measurement of multiple organic tracers in aerosols
Jun He, The University of Nottingham Ningbo, China

14:30-15:00  Title: Using computer simulation technology to improve the removal of volatile chemicals from fuel gases and process waters
Ai-Lin Shen, China Steel Corporation, Taiwan

15:00-15:30  Title: Comparison of volatile PAH concentrations in urban and rural areas in Paijat-Hame
Anirudra Parajuli, University of Helsinki, Finland

Networking & Refreshment Break: 15:30-15:45 @ Pre Conference Area

15:45-16:15  Title: Emission source of PAHs in PM$_{2.5}$ particle in ambient air of Sakai city, Osaka
Oanh Pham, Osaka Prefecture University, Japan

16:15-16:45  Title: The treatment of dye wastewater using natural South African magnesite
Tholiso Ngulube, University of Venda, South Africa

Panel Discussion

Day 2  July 21, 2017

09:30-10:15  Title: One way to improve the de-NO activity in SCR of NO with NH$_3$ over a low-rank activated coke
Yuran Li, Chinese Academy Sciences, China

10:15-11:00  Title: An integrated regulation of urban water systems: Ideas and practices
Zuxin Xu (Hailong Yin), Tongji University, China

Networking and Refreshments Break: 11:00-11:15 @ Pre Conference Area

11:15-12:00  Title: Pesticide usage in vegetable, rice and cotton cropping area and its impact on surface water in three rivers
Tanu Jindal, Amity University, India

Sessions:
Environmental Sustainability and Development | Marine Pollution | Renewable Energy | Trending Market in Pollution Control
Session Chair: Jun He, The University of Nottingham Ningbo, China

12:00-12:30
Title: PVSysCo: Solar energy system comparison and evaluation
Lisa B Bosman, College of Menominee Nation, USA

12:30-13:00
Title: Impact of climate transition risk of long term financial feasibility of rubber manufacturing organizations in Sri Lanka
L F D Z Gunathilaka, University of Sri Jayewardenepera, Sri Lanka

Lunch Break: 13:00-14:00 @ Grill 3182 Restaurant

14:00-14:30
Title: The degradation characters of polyvinyl chloride eroded in the natural environment
Chih-Cheng Tang, National Sun Yat-sen University, Taiwan

14:30-15:00
Title: Photocatalytic reactors for H₂ recovery from H₂O and H₂S splitting
V Preethi, Hindustan University, India

15:00-15:30
Title: The formation and migration of sulfur trioxide over V₂O₅/TiO₂ catalyst in SCR of NOx with NH₃
Jin Xiong, University of Chinese Academy of Sciences, China

Networking and Refreshments Break: 15:30-15:45 @ Pre Conference Area

15:45-16:15
Title: Green house for urban area in Indonesia: Are we ready to adopt green building concept?
Mesi Shinta Dewi, University of Indonesia, Indonesia

16:15-16:45
Title: Optimal power supply strategy for China towards 2050 under high renewable energy penetration
Presley K Wesseh, Xiamen University, China

Poster Presentation 16:45-17:45

PC-01
Title: Changes in grassland chemical soil properties four years after cessation of long-term fertilization with compost and slurry
Veronika Suchomelova, Agrovyzkum Rapotin Ltd., Czech Republic

PC-02
Title: Reduction in energy consumption as an option for achieving improved thermal comfort in residential buildings in Umuahia, Nigeria
Alozie Michael C, Abia State University, Nigeria

PC-03
Title: Empowering schools for waste free safe hydration during climate change: Water for schools, a practical model
Elizabeth Beaumont, Highly Commended Leadership for Sustainability, Australia

Awards & Closing Ceremony
Day 3 July 22, 2017
Pannel Discussion & Networking Lunch Private dining

Next in Series
2nd Annual Congress on Environmental Pollution and Sustainable Energy
August 22-23, 2018 Tokyo, Japan

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