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Scientific Program



7th World Congress and Expo on

Green Energy

&

3rd World Congress on

Wind & Renewable Energy

June 24-25, 2019 | Barcelona, Spain

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

DAY-1

June 24, 2019

Meeting Hall: **Indianapolis**

08:30-09:30 Registrations

Opening Ceremony **09:30-09:50**

KEYNOTE FORUM

09:50-10:00 Introduction

10:00-10:25 **Title: Status and prospects of adoption of WBG power devices – Swedish perspective**
Mietek Bakowski, RISE Acreo, Sweden

10:25-10:50 **Title: Revealing the development and performance of an innovative, smart solar-enhanced air conditioning system for all climates**
Esam Elsarrag, beGREEN Global, UK

Networking & Refreshments 10:50-11:05 @ BAR TERRAZA

Sessions: Green Energy | Renewable Energy | Green Processing and Solar Energy | Bioremediation | Environmental Chemistry and Pollution Control | Energy and Environment | Sustainable Energy Policies | Climate Change and Renewable Energy

Chair: Mietek Bakowski, RISE Acreo, Sweden

Co-chair: Esam Elsarrag, beGREEN Global, UK

INTRODUCTION

11:05-11:25 **Title: Active control network applied to hydrogen and Ion lithium energy storage systems**
Eloi Fonseca, Universidade Estadual Paulista Julio de Mesquita Filho, Brazil

11:25-11:45 **Title: Gasification of coal and biomass: A net carbon-negative power source for environment-friendly electricity generation in China**
Xi Lu, Tsinghua University, China

11:45-12:05 **Title: Effects of ozone stress on physiology and plastidial galactolipids of two tropical cowpea cultivars**
Deborah Moura Rebouças, UniFanor/Wyden, Brazil

12:05-12:25 **Title: Cultivation of red macroalgae in Northeastern Brazil: Optimization of processes for the production of organic compounds with economic importance**
Natássia A Ribeiro, Unifanor/Wyden, Brazil

12:25-12:45 **Title: Correlation study of indicators on landscape visual impact evaluation in on-shore wind farm**
Jinjin Guan, Ruhr University Bochum, Germany

GROUP PHOTO

Lunch Break 12:45-13:45 @ BAR TERRAZA

- 13:45-14:05** **Title: Investigation of biogas generation from the wastes of a vegetable market of Bangladesh under daily feed condition**
Md Abdul Jalil, Bangladesh University of Engineering and Technology (BUET), Bangladesh
- 14:05-14:25** **Title: Accelerated aging of absorber coatings for CSP receivers under real high solar flux**
Reine Reoyo-Prats, PROMES, France
- 14:25-14:45** **Title: Spatial analysis of solar energy potential at global level. Evidences from a new high-resolution worldwide climate database**
Remus Pravalie, University of Bucharest, Romania
- 14:45-15:05** **Title: Photoassisted methanation using CuO₂ nanoparticles supported on graphene as photocatalyst**
Josep Albero, Universitat Politècnica de València (UPV), Spain
- 15:05-15:25** **Title: SkyWay innovative transport system as a possible solution for green mobility initiative**
Kirył Badulin, SkyWay Technologies Co., Belarus
- Networking & Refreshments 15:25-15:40 @ BAR TERRAZA**
- 15:40-16:00** **Title: Large-scale wind power local consumption based on energy-intensive loads**
Yuanzhang Sun, Wuhan University, China
- 16:00-16:20** **Title: Multi-objective differential evolution based electromagnetic design of wind-turbine generator**
Mamidi Ramakrishna Rao, Sri Sai Design Engineering Consultants, India
- 16:20-16:40** **Title: Optical and thermal performance analysis of Linear Fresnel Reflector(LFR) systems**
Malambage Pubudu Gayan Sirimanna, Coventry University, UK
- 16:40-17:00** **Title: Experimental investigation on tar removed from cleaning systems of downdraft biomass gasifier with co-gasification**
Muhammad Awais, Jiangsu University, China

Panel Discussion

DAY-2

June 25, 2019

Meeting Hall: Indianapolis

KEYNOTE FORUM

- 10:00-10:25** **Title: Deep online analysis of dielectric parameters for lubricants with an innovative oil sensor system: Identification of critical operation conditions of industrial gearboxes for reduction of failure rates and live time enhancement**
Manfred Mauntz, cmc Instruments GmbH, Germany

10:25-10:50 **Title: Techno-economic feasibility study of waste to energy trigeneration plants in developing countries**
Abhishek Asthana, Sheffield Hallam University, UK

Networking & Refreshments 10:50-11:05 @ BAR TERRAZA

Sessions: Wind Power Technology and Instrumentation|Green Energy|Wind Farms Construction|Renewable Energy| Sustainable Energy|Next Generation Wind Power|Energy Policies

Chair: Manfred Mauntz, cmc Instruments GmbH, Germany

INTRODUCTION

11:05-11:25 **Title: A dual-standard system of landscape visual impact threshold in wind farm under social constructivist perspective**
Jinjin Guan, Ruhr Univeristy Bochum, Germany

11:25-11:45 **Title: Combat the global warming by generating renewable sources of energy**
P N Darde, Jaipur National University, India

11:45-12:05 **Title: Utilization of smart RFID systems for optimal management of collection and transport of domestic waste**
Seyed Amir Naser Harati, Deputy Director of Urban Services and Mayor's Council in Environmental Matters at Tehran Municipality, Iran

12:05-12:25 **Title: Printing perovskite solar cells, from challenges to solutions**
Ehab Saleh, University of Leeds, UK

12:25-12:45 **Title: The impact of China's foreign aid on trade flow interactions and pollution: The Sino-Africa Perspective**
Kofi Baah Boamah, Jiangsu University, China

12:45-13:05 **Title: Design and cost analysis of a heliostat field in an air-based 150 MWe solar tower power plant**
Y Ennassiri, Moroccan Agency for Sustainable Energy (MASEN), Morocco

Lunch Break 13:05-14:05 @ BAR TERRAZA

14:05-14:25 **Title: Fluoride, copper and combined fluoride-copper removals from semiconductor wastewater by electrocoagulation**
N Drouiche, Université Saad Dahlab, Algeria

14:25-14:45 **Title: Rankine cycle movil laboratory of 500 kw for geothermal fields power testing**
Alejandro Zaleta-Aguilar, University of Guanajuato, Mexico

POSTER PRESENTATIONS 14:45-15:30 @ FOYER

PANEL DISCUSSION

Networking & Refreshments 15:30-15:45 @ BAR TERRAZA

Awards & Closing Ceremony