

JOINT EVENT

2nd World Congress on

Wind & Renewable Energy

&

5th World Congress and Expo on

Green Energy

June 14-16, 2018 | London, UK



UK: Conference Series Ilc LTD

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<https://windenergy.conferenceseries.com/>

<https://greenenergy.conferenceseries.com/europe/>

Hall Name - Johnson

conference**series**.com 09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 Introduction

09:30-10:20 **Title: For sustainable development of the whole world by renewable energy**

Koji Hashimoto, Tohoku Institute of Technology, Japan

10:20-10:55 **Title: A redox fuel cell capable of converting fuels to electricity at a high power output**

Liang An, The Hong kong Polytechnic University, China

Group Photo, Networking & Refreshment Break 10:55-11:10 @Breakout Area

11:10-11:45 **Title: Green energy – Resources, economics and policies**

Govinda R Timilsina, World Bank, USA

11:45-12:20 **Title: Currents of electricity do not develop energy systems, currents of money do: facilitating 'Consumer Power' in deregulated power markets**

Per Ribbing, Uppsala University, Sweden

Sessions: Wind Power Technology and Instrumentation | Green Energy | Wind Farms

Construction | Renewable Energy | Sustainable Energy | Next Generation Wind Power | Energy Policies

Session Chair: P N Darde, Jaipur National University, India

Session Co-Chair: Zhang Jing Xuan, Goldwind Science & Technology Co Ltd, China

Session Introduction

12:20-12:45 **Plenary Talk: Blockchain technology in the wind energy sector: an overview of potential applications**

Francisco Orte Bedit, Polytechnic University of Madrid, Spain

12:45-13:10 **Plenary Talk: Measurement technique of wind speed and direction with a rotating 3-axis ultrasonic anemometer for installation on wind turbine spinner**

Byeong Hee Chang, Korea Aerospace Research Institute, South Korea

Lunch Break 13:10-14:00@ RBG

14:00-14:20 **Title: Evolution of PV solar modules parameters**

Jean Zaraket, University of Lorraine, France

14:20-14:40 **Title: Harnessing non-conventional sources to supply energy for far flange areas and challenges**

P N Darde, Jaipur National University, India

14:40-15:00 **Title: Improving the life-cycle of lithium-ion battery packs to support wind renewable fluctuation**

Kamyar Mehran, Queen Mary University of London, UK

15:00-15:20 **Title: Installation and design of a new wind tunnel for measurement of vertical axis wind turbines (VAWT)**

Frank Ulrich Rückert, Saarland University of Applied Sciences, Germany

15:20-15:40 **Title: FEA simulation of synchronous belt: performance evaluation methods of key parts in pitch system**

Zhang Jing Xuan, Xinjiang Goldwind Science and Technology Co Ltd, China

Networking & Refreshment Break 15:40-15:55@Breakout Area

15:55-16:15 **Title: A new facile route to flexible and transparent electrodes based on water exfoliated graphene and their triboelectric nanogenerator**

Dong Wook Shin, University of Exeter, UK

- 16:15-16:35** **Title: Research, opportunities and challenges in low speed wind turbines**
Kendrick Aung, Lamar University, USA
- 16:35-16:55** **Title: Development and demonstration of an emergent net shape fabricated three blade composite one piece rotor for CAPEX and OPEX reductions**
Kevin L Koudela, The Pennsylvania State University, USA
- 16:55-17:15** **Title: Advances in wind energy conversion**
Asfaw Beyene, San Diego State University, USA

Networking & Refreshment Break 17:15-17:40 @Breakout Area
Panel Discussion

Day 2 June 15, 2018

Hall Name - Johnson

Keynote Forum

- 09:30-10:05** **Title: Development of miniaturized renewable energy harvesting technology for next-generation self-powered electronic systems**
Xuan Wu, Jiangsu University, China
- 10:05-10:40** **Title: A social cost benefit analysis of grid-scale electrical energy storage projects: A case study**
Arjan S Sidhu, Johns Hopkins University, USA

Networking & Refreshment Break 10:40-10:55 @Breakout Area

- 10:55-11:30** **Title: Condition monitoring and fault diagnostics of wind turbines**
Fulei Chu, Tsinghua University, China

Sessions: Green Energy | Energy Model | Waste to Energy | Renewable Energy | Bio-Fuel | Sustainable Energy | Green Economy | Energy Policies | Green Chemistry

Session Chair: Samuel Hassid, Technion Israel Inst of Technology, Israel

Session Co-Chair: Michael Burt, Technion Israel Inst of Technology, Israel

Session Introduction

- 11:30-11:55** **Plenary Talk: Energy towers: renewable energy strategy for hot dry climates**
Samuel Hassid, Technion Israel Institute of Technology, Israel
- 11:55-12:20** **Plenary Talk: Marine floating wind and renewable energy complex: a novel technological paradigm**
Michael Burt, Technion Israel Institute of Technology, Israel
- 12:20-12:40** **Title: Distribution and risk assessment of Cr, Pb, V and Zn in the soil of huaibei coal mining area, anhui, China**
Yuan Liu, City University of Hong Kong, Hong Kong
- 12:40-13:00** **Title: High throughput soil rapid testing system**
Rujing Wang, Hefei Institutes of Physical Science, China

Lunch Break 13:00-13:50 @ RBG

- 13:50-14:10** **Title: Role of climate change, small, meso and large scale factors on wind and solar energy potential**
Zafer Aslan, Istanbul Aydin University, Turkey
- 14:10-14:30** **Title: Environmental consciousness and choice of bulb for lighting in a developing country**
Anthony Amoah, Central University Accra, Ghana
- 14:30-14:50** **Title: Partition, sources and risk assessment of polycyclic aromatic hydrocarbons in water, sediment, and soil from the middle reach of Huai River**
Jiamei Zhang, Hefei Institutes of Physical Science, China
- 14:50-15:10** **Title: Performance measurement system in wind farms**
Mario Orestes Aguirre González, Federal University of Rio Grande do Norte, Brazil
- 15:10-15:30** **Title: Dynamic testing of high performance concrete for large wind turbine towers**
Jens Peder Ulfkjaer, Aarhus University, Denmark

Networking & Refreshment Break 15:30-15:45 @Breakout Area

15:45-16:05 **Title: An attack-resilient communication architecture for grid integration of renewable energy resources**
Jin Wei Kocsis, University of Akron, USA

Video Presentations @16:05-16:45

16:05-16:25 **Title: Absorption coefficient of carbon dioxide near earth surface**
Peng-Sheng Wei, National Sun Yat Sen University, Taiwan

16:25-16:45 **Title: Empirical obtaining of photovoltaic panel models**
Jose Manuel Lopez-Guede, University of the Basque Country, Spain

Poster Presentation 16:45-17:00 @ Foyer

Networking & Refreshment Break 17:00-17:25 @Breakout Area

Day 3 June 16, 2018

Hall Name - Johnson

Keynote Forum

09:30-10:05 **Title: Concentrated solar power parabolic dish systems using micro gas turbines**
Abdulnaser Sayma, City, University of London, UK

10:05-10:40 **Title: From liquid-flow window to solar-absorbing facade**
Tin Tai Chow, City University of Hong Kong, China

10:40-11:15 **Title: Investigation of oxidation catalysts by in situ electrical conductivity measurements**
Ioan Cezar Marcu, University of Bucharest, Romania

Networking & Refreshment Break 11:15-11:30 @Breakout Area

11:30-12:05 **Title: Solid oxide fuel cells for efficient energy conversion using alternative fuels**
Meng Ni, The Hong Kong Polytechnic University, China

Green Nanotechnology | Green Architecture | Bioremediation | Bioenergy | Market research on Green Energy | Entrepreneurs Investment Meet

Session Chair: Tin Tai Chow, City University of Hong Kong, China

Session Co-Chair: Abdulnaser Sayma, City, University of London, UK

Session Introduction

12:05-12:25 **Title: Taking state governments, large corporations, and businesses a foot wide and a mile deep detailing a case study**
Nathan Goodman, The Baldwin Group Inc., USA

12:25-12:45 **Title: Mediterranean green organic wastes: Corsican methanogenic power's study**
Nicolai Rémy, Université de Corse, France

12:45-13:05 **Title: Design of thermoelectric solar generator for pump**
Abdullah Hakan Yavuz, Gaziosmanpasa University, Turkey

Lunch Break 13:05-13:55 @ RBG

13:55-14:15 **Title: Mathematical modelling of the drying kinetics of jatropha curcas I Seeds collected from Ethiopia**
Y G Keneni, Norwegian University of Life Sciences, Norway

14:15-14:35 **Title: An experimental study on durability characteristics of PEMFC vehicle stack driving with operating temperature**
Jaesu Han, Chungnam National University, South Korea

14:35-14:55 **Title: The necessity of nature: physician heal thyself**
Paul Wise, University of West Georgia, USA

14:55-15:15 **Title: Localization and the threat of Sea-level Rise**
Jackie Rock, Mosquito Control Board Commissioner, USA

15:15-15:35 Title: **Virtual microgrid based on 499 KWp PV-system and real time energy monitoring**
Alberto Coronado-Mendoza, University of Guadalajara, Mexico

Networking & Refreshment Break 15:35-15:50 @Breakout Area

15:50-16:10 Title: **Temperature range over Nigeria by the end of 21st century: prospects for photovoltaic potentials from CMIP5 and CORDEX perspectives**

Nwokocha Cecily O, Chinese Academy of Sciences, China

16:10-16:30 Title: **Conversion of cellulose to 5-HMF in ionic liquid catalysed by solid acid catalyst**

Neeru Anand, Guru Gobind Singh Indraprastha University, India

16:30-16:50 Title: **Renewable energy a solution to Sub-Saharan Africa energy crisis**

Daniel Adu, Jiangsu University, China

Networking & Refreshment Break 16:50-17:15 @Breakout Area

Awards & Closing Ceremony

Bookmark your dates

3rd World Congress on

Wind & Renewable Energy

June 24-26, 2019 Barcelona, Spain

E-mail: windenergy@enggconferences.com

Website: <https://windenergy.conferenceseries.com/>

7th World Congress and Expo on

Green Energy

June 24-25, 2019 Barcelona, Spain

E-mail: greenenergycongress@earthscienceconferences.com;

Website: <https://greenenergy.conferenceseries.com/europe/>