Joint Event

2nd World Congress on

Wind and Renewable Energy

5th World Congress and Expo on Green Energy

Green Energy Congress

June 14-16, 2018 | London,UK

Day 1 June 14, 2018

Hall Name - Johnson

08:30-09:00	**Registrations**
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 University, Japan
10:20-10:50	**Title: Offshore wind energy potential in MENA region**
	AbuBakr S Bahaj, University of Southampton, UK
	Coffee Break & Group Photo 10:50-11:05 @Breakout Area
11:05-11:35	**Title: A redox fuel cell capable of converting fuels to electricity at a high power output**
	Liang An, The Hong kong Polytechnic University, Hong Kong
11:35-12:05	**Title: Green energy – resources, economics and policies**
	Govinda R Timilsina, World Bank, USA
12:05-12:35	**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
	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**
12:35-12:55	**Title: Blockchain technology in the wind energy sector: an overview of potential applications**
	Francisco Orte Benedit, Universidad Politecnica de Madrid, Spain
	Lunch Break 12:55-14:00@ RBG
14:00-14:20	**Title: 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, Republic of Korea
14:20-14:40	**Title: Evolution of PV solar modules parameters**
	Jean Zaraket, Université de Lorraine, France
14:40-15:00	**Title: Harnessing non-conconventional sources to supply energy for far flange areas and challenges**
	P N Darde, Jaipur National University, India
15:00-15:20	**Title: Improving the life-cycle of lithium-ion battery packs to support wind renewable fluctuation**
	Kamyar Mehran, Queen Mary University of London, UK
15:20-15:40	**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
	Coffee Break & Group Photo 15:40-15:55@Breakout Area
15:55-16:15	**Title: FEA simulation of synchronous belt: performance evaluation methods of key parts in pitch system**
	Zhang Jing Xuan, Goldwind Science &Technology Co Ltd, China
16:15-16:35	**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

16:35-16:55	**Title: Research, opportunities and challenges in low speed wind turbines**
	Kendrick Aung, Lamar University, USA
16:55-17:15	**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
17:15-17:35	**Title: Advances in wind energy conversion**
	Asfaw Beyene, San Diego State University, USA
	Networking & Refreshment Break -17:35-17:50 @Breakout Area
	Panel Discussion
	Day 2 June 15, 2018
	Hall Name - Johnson
	Keynote Forum
	Introduction
09:30-10:00	**Title: Renewable energy: modular and scalable**
	AbuBakr S Bahaj, University of Southampton, UK
10:00-10:30	**Title: A social cost benefit analysis of grid-scale electrical energy storage projects: a case study**
	Arjan S Sidhu, Johns Hopkins University, USA
10:30-11:00	**Title: Development of miniaturized renewable energy harvesting technology for next-generation self-powered electronic systems**
	Xuan Wu, Jiangsu University, China
	Coffee Break 11:00-11:15 @Breakout Area
11:15-11:45	**Title: Condition monitoring and fault diagnostics of wind turbines**
	Fulei Chu, Tsinghua University, China
	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**
11:45-12:05	**Title: Energy towers : renewable energy strategy for hot dry climates**
	Samuel Hassid, Technion Israel Inst of Technology, Israel
12:05-12:25	**Title: Marine floating wind and renewable energy complex: a novel technological paradigm**
	Michael Burt, Technion Israel Inst of Technology, Israel
12:25-12:45	**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, PR China
12:45-13:05	**Title: High throughput soil rapid testing system**
	Rujing Wang, Hefei Institutes of Physical Science, Chinese Academy of Sciences, China
	Lunch Break 13:05-14:00 @ RBG
14:00-14:20	**Title: Role of climate change, small, meso and large scale factors on wind and solar energy potential**
	Zafer Aslan, Istanbul Aydın University, Turkey
14:20-14:40	**Title: Environmental consciousness and choice of bulb for lighting in a developing country**
	Anthony Amoah, Central University Accra, Ghana
14:40-15:00	**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, Chinese Academy of Sciences, China
15:00-15:20	**Title: Multidimensional sustainability modelling of the renewable energy systems: the case of the UK**
	Stanislav Shmelev, University of Edinburgh, UK
15:20-15:40	**Title: Dynamic testing of high performance concrete for large wind turbine towers**
	Jens Peder Ulfkjaer, Aarhus University, Denmark
	Coffee Break & Group Photo 15:40-15:55@Breakout Area
15:55-16:15	**Title: Performance measurement system in wind farms**
	Mario Orestes Aguirre González, Federal University of Rio Grande do Norte, Brazil
16:15-16:35	**Title: An attack-resilient communication architecture for grid integration of renewable energy resources**
	Jin Wei Kocsis, University of Akron, USA
16:35-16:55	**Title: Absorption coefficient of carbon dioxide near earth surface**
	Peng-Sheng Wei, National Sun Yat Sen University, Taiwan

	Poster @ 16:55-17:15
GE 01	**Title: Use of firewood as a source of renewable energy in Brazil**
	Flavio Jose Simioni, Santa Catarina State University, BRAZIL
WRE 02	**Title: A conceptual design of sustainable hospital in NEOM**
	Dhaifallah Muways Alotaibi, University of Exeter, UK
	Networking & Refreshment Break -17:15-17:30 @Breakout Area
	Panel Discussion
	Day 3 June 16, 2018
	Hall Name - Johnson
	Green Nanotechnology |Green Architechture | Bioremediation |Bioenergy |Market research on Green Energy |Entrepreneurs Investment Meet
	Keynote Forum
	Introduction
09:30-10:00	**Title: Concentrated solar power parabolic dish systems using micro gas turbines**
	Abdulnaser Sayma, University of London, UK
10:00-10:30	**Title: From liquid-flow window to solar-absorbing façade**
	Tin Tai CHOW, City University of Hong Kong, Hong Kong
10:30-11:00	**Title: Investigation of oxidation catalysts by in situ electrical conductivity measurements**
	Ioan-Cezar Marcu, University of Bucharest, Romania
	Coffee Break 11:00-11:15 @Breakout Area
11:15-11:45	**Title: Solid oxide fuel cells for efficient energy conversion using alternative fuels**
	Meng NI, The Hong Kong Polytechnic University, Hong Kong
	Green Energy|Energy Model|Waste to Energy|Renewable Energy|Bio-Fuel| Sustainable Energy|Green Economy |Energy Policies | Green Chemistry
Session Chair:	**Tin Tai CHOW, City University of Hong Kong, Hong Kong**
Session Chair:	**Abdulnaser Sayma, University of London, UK**
11:45-12:05	**Title: Taking state governments, large corporations, and businesses a foot wide and a mile deep detailing a case study**
	Nathan Goodman, The Baldwin Group, USA
12:05-12:25	**Title: Mediterranean green organic wastes: corsican methanogenic power's study**
	Nicolai Rémy, Université de Corse, France
12:25-12:45	**Title: Design of thermoelectric solar genetaror for pump**
	Abdullah Hakan Yavuz, Gaziosmanpasa University, Turkey
12:45-13:05	**Title: Mathematical modelling of the drying kinetics of jatropha curcas l. Seeds collected from Ethiopia**
	Y G Keneni, Norwegian University of Life Sciences, Norway
	Lunch Break 13:05-14:00 @ RBG
14:00-14:20	**Title: An experimental study on durability characteristics of pemfc vehicle stack driving with operating temperature**
	Jaesu Han, Chungnam National University, South Korea
14:20-14:40	**Title: Temperature range over Nigeria by the end of 21st century: prospects for photovoltaic potentials from CMIP5 and CORDEX perspectives**
	Okoro Ugochukwu K, Chinese Academy of Sciences, China
14:40-15:00	**Title: Conversion of cellulose to 5-HMF in ionic liquid catalysed by solid acid catalyst**
	Neeru Anand, Guru Gobind Singh Indraprastha University, India
15:00-15:20	**Title: Renewable energy a solution to sub-Saharan Africa energy crisis**
	Daniel Adu, Jiangsu University, China
	Networking & Refreshment Break -15:20-16:00@Breakout Area
	Awards & Closing Cermony