Tentative Program

2nd World Congress on

Wind & Renewable Energy

June 14-15, 2018 London, UK



Interactive Sessions

Keynote Lectures

Plenary Speech

Workshops

Exhibitors

B2B Meetings

For available speaker slots

windenergy@enggconferences.com

Program at a Glance

Day 1

Reception/Registration		**08.00-09.00**	
Morning Session		**Time**	**General Session**
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
		Panel Discussions/Group Photo	
	Coffee/Tea Break 10.45-11.00 (Networki		
	11.00-12.40	5 Speakers (20 Mins Each)	
Evening Session	**Lunch Break 12.40-13.30**		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networki		
	15.45-17.25	5 Speakers (20 Mins Each)	

Day 2

	Time	**Session 1**	**Session 2**
Morning Session	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Session	**13.25-15.05**	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Closing Ceremony		

Conference Highlights

- Wind Power Technology and Instrumentation
- Wind Farm Construction
- Next Generation Wind Power
- Renewable and Sustainable Energy
- Solar Power Technology
- Hydro and Ocean Power Technology
- Bio Energy and Bio Technology
- Nuclear and Fusion Energy Systems/Technology
- Nano Technology for Renewable Energy
- Conversion of Waste to Energy
- Global Energy Conservation
- Global trends in Renewable energy Commercialization & Investment
- Environmental and Ecological effects of Energy Production and Consumption
- Future Perspective of Power Generation/Supply







Glimpses of Wind & Renewable Energy 2016













Glimpses of Wind & Renewable Energy 2016













Glimpses of Wind & Renewable Energy 2016













Glimpses of Wind & Renewable Energy 2016









Plan your Trip to London



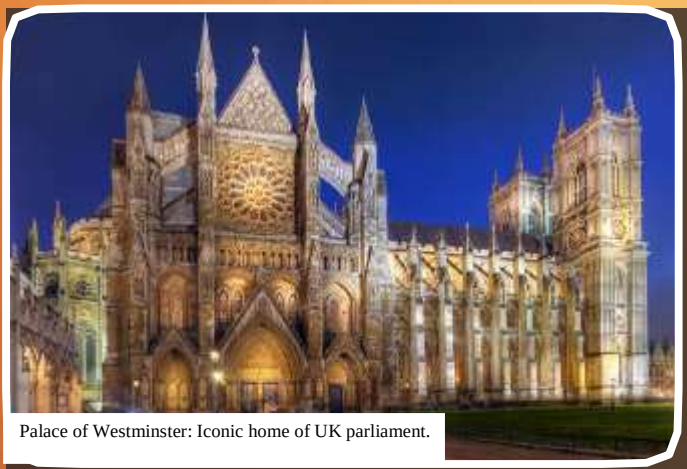
Big Ben: London’s iconic national timepiece



Buckingham Palace: Home of the British Queen and state rooms.



London at Night Time



Palace of Westminster: Iconic home of UK parliament.



London Eye: Iconic riverside observation wheel.

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580th Conference

World Congress and Exhibition on

Wind & Renewable Energy

July 28-30, 2016 Berlin, Germany



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 July 28, 2016

Registrations

Experience I + II

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Opening Ceremony

Keynote Forum

Title: Advances in morphing wind turbine blade for wind energy conversion
Asfaw Beyene, San Diego State University, USA
Title: An Innovative Solution for Large Unit Capacity Wind Energy Converters Offshore
Peter Jamieson, University of Strathclyde, UK

Coffee Break @ Main Lobby

Title: Feasibility study on a fabric-covered wind turbine blade
Jae-Sung Bae, Korea Aerospace University, Korea

Sessions:
Wind Power Technology | Wind Turbines Instrumentation | Wind Safety Measures | Hydro Power Technology
Renewable & Sustainable Energy

Session Introduction

Session Chair: Asfaw Beyene, San Diego State University, USA
Session Co-Chair: Modour Zgoul, American University of Madaba, Jordan

Title: Condition Based Maintenance of Offshore Wind Turbines - Identification of critical operation conditions & determination of the next oil exchange by 24/7 Monitoring of Oil Quality, Oil Aging and Additive Consumption
Manfred Mauntz, cmc Instruments GmbH, Germany
Title: A software package for maintenance management of wind turbines
Yashwant Sinha, Robert Gordon University, United Kingdom
Title: Domestication of Wind Energy Through Integration of House-hold Fan
Bijon Kumar Sil, The Awesome Place (TAP), Singapore
Title: Capabilities of wind turbine ground test facilities – Benefits from standardizing test methods of blade and nacelle test centre around the world
Dennis Bosse, RWTH Aachen University, Germany
Title: Thermographic rotor blade inspection from larger distances – A promising tool for the maintenance of wind turbines
Rainer Krankenhagen, Federal Institute for Materials Research and Testing, Germany

Group Photo

Lunch @ Element I+II Restaurant

Workshop on An Innovative Solution for Large Unit Capacity Wind Energy Converters Offshore
Peter Jamieson, University of Strathclyde, UK

Coffee Break @ Main Lobby

Young Researchers Forum

Title: Development and Structural Numerical Analysis of Light Shell with Frame Diffusor
Tomasz Szafranski, Military University of Technology, Poland
Title: One and Double Sided Coupling Methods for Structural Analysis of Wind Power Blades
Michał Tomaszewski, Military University of Technology, Poland
Title: The effect of grid resolution on large-eddy-simulations for the atmospheric boundary layer
Ioannis Bouras, University of Sheffield, UK

Sessions:

Title: The impact of the yaw error on the performance of a horizontal axis wind turbine
Daniele Vitali, Marche Polytechnic University, Italy
Title: Optimization Wind Power Production in Cold Climate and Icing in Canada
Mohammad Sadegh Eslamipour, Mapna Generator, Iran
Title: Design, Construction, Simulation and Performance Evaluation of a Guadua Angustifolia Solar-Electric Vehicle
Jose Alejandro Posada, Pascual Bravo University Institute, Colombia

Panel Discussion

Day 2 July 29, 2016

Experience I + II

Keynote Forum

Title: Technological Advances in Grid Code Compliance, High Penetration and Drive Train Diagnostics of Wind Energy Conversion Systems
Syed Islam, Curtin University, Australia
Title: DBD Plasma Flow Control on Wind Turbine Blades
David Greenblatt, Technion - Israel Institute of Technology, Israel

Sessions:
Wind Farms Construction | Solar Power Technology | Global trends in Renewable Energy Commercialization & Investment
Third Generation Wind Power | Ocean Energy

Session Introduction

Session Chair: Dennis Bosse, RWTH Aachen University, Germany
Session Co-Chair: A D Thirumoorthy, Chief Technical Advisor, Indian Wind Power Producers Association (IWPA)

Title: The effect of the upstream wind conditions on the performance of a vertical axis wind turbine
Ioannis Bouras, University of Sheffield, UK
Title: Improving power forecasting in wind turbines using neural networks
Bartolomé Manobel Ponce, Universidad de La Serena, Chile
Title: Wind derivatives pricing issues
Yeny E. Rodríguez, ICESI University, Colombia
Title: Advanced Control for Wind Turbine Grid Connection Requirements
Nicolò Gionfra, Laboratoire des Signaux et Systèmes, France

Coffee Break @ Main Lobby

Title: Computational Aerodynamics Optimization of Wind Turbine's Blade Twist Angle
Moudar Zgoul, American University of Madaba, Jordan
Title: Assesment of Sub-Synchronous Resonance in Series Compensated Type 3 Wind Power Plant
V.B.Virulkar, Govt. College of Engineering Amaravati (MS), India
Title: Large Scale Integration of Renewable Energy in the Grid, Tamilnadu State's Experience
P.R. Muralidharan, Superintending Engineer, Renewable Energy Management Centre, Tantrnasco
Title: Case study of Power Quality Survey in Wind Farms
A.D.Thirumoorthy, Chief Technical Advisor, Indian Wind Power Producers Association (IWPA), India
Title: Transient and Steady-State Stability Analysis of SMIB Power System Embraced with Highly Penetrated PV Generator
Mohammad S. Widyan, The Hashemite University, Jordan

Lunch @ Element I+II Restaurant

Work shop on Domestication of Wind Energy Through Integration of House-hold Fan
Bijon Kumar Sil, The Awesome Place (TAP), Singapore

Coffee Break @ Main Lobby

Title: Combining offshore energy production in multi-use combinations: Lessons learned from Europe
Stuiver Marian, Senior researcher at Wageningen University and Research Centre, Netherlands

Poster Presentations 16:50-17:30

WRE 01	**Title: Study on Characteristic Analysis of Generator System according to Parameter Variations of Wind Turbine** **Gap-Jin Han**, Dong-A University, KOREA
WRE 02	**Title: Change in surface wind speed and its implication for wind energy over Taiwan simulated by WRF nested with ECHAM5/MPIOM** **Chuan-Yao Lin**, Academia Sinica, Taiwan
WRE 03	**Title: Development of Small Wind Turbine Adopting Folded-Plate Blades and testing the performance of blades with one and two straight folded lines** **Churchill Saoke**, Jomo Kenyatta University of Agricuture and technology, Kenya
WRE 04	**Title: Structural modeling of a horizontal axis wind turbine.** **Mohammad Sheibani**, Ferdowsi Univeristy of Mashhad, IRAN

Energy and the climate change: One counter-face
Mohi El Din Kuku Bakheet, Alzaiem Alazhari University, Sudan
Title: Seawind 6- The complete offshore wind energy system to lower the CoE
Martin Jackubowski, Seawind Ocean Technology B.V., The Netherlands

Panel Discussion & Certificate Distribution

Day 3 July 30, 2016

Extended Networking Session & Lunch