

3rd World Congress and Expo on

GREEN ENERGY

September 28-29, 2017 Berlin, Germany



Conference Series - UK

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

Meeting Room: v. Hardenberg

conference**series.com** 09:00-09:30

Opening Ceremony

Keynote Forum

09:30-09:35 Introduction

09:35-10:20 **Social benefits of renewables – lessons learned from Germany's Energiewende**

Sebastian Helgenberger, Institute for Advanced Sustainability Studies, Germany

Title: How to reach renewable energy and climate targets in a cost-efficient way? A

10:20-11:05 **dynamic energy model applied on regional scale**

W Sparber, Eurac Research, Italy

Group Photo & Networking and Refreshments Break 11:05-11:20 @ Foyer

11:20-12:05 **Title: Thermal hydrogen: An emissions free hydrocarbon economy**

Jared Moore, Meridian Energy and Policy Consulting, USA

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

Session Chair: Aaron Praktijnjo, RWTH Aachen University, Germany

Session Co-chair: Cliff Danosh, Kingston University, UK

Session Introduction

12:05-12:35 **Title: Optimal level of security of supply in the power sector with growing shares of fluctuating renewable energy**

Aaron Praktijnjo, RWTH Aachen University, Germany

12:35-13:05 **Title: Impacts of renewables on electric vehicle demands**

Xingwu Wang, Alfred University, USA

Lunch Break 13:05-14:05 @ Restaurant Theodor's

14:05-14:35 **Title: Thermal conversion of lignin residues for production of bio-fuels and chemicals in a lignocellulosic biorefinery**

T Barth, University of Bergen, Norway

14:35-15:05 **Title: The viability of renewable energy and energy storage for the provision of power for desalination**

Cliff Danosh, Kingston University, UK

15:05-15:35 **Title: Hybrid cooling using green energy as heat sources and storage system for a building at Innovation Park Muscat**

Sausan Al-Riyami, Institute of Advanced Technology Integration - TRC, Sultanate of Oman

15:35-16:05 **Title: Solar energy - technologies, policies and economics**

Govinda R Timilsina, World Bank, USA

Networking and Refreshments Break 16:05-16:20 @ Foyer

16:20-16:50 **Title: Green and clean bioenergy H₂ produced by green alga Chlorella sp. DT transgenics during biophotolysis**

Lee-Feng Chien, National Chung Hsing University, Taiwan

16:50-17:20 **Title: A review of global gas flaring and venting and impact on the environment: Case study of Iran**

Mohammad Javad Gholipour, National Iranian Oil Company, Iran

Video Presentation 17:20-17:40

Panel Discussion

Day 2 September 29, 2017

Meeting Room: v. Hardenberg

Keynote Forum

10:00-10:45 Title: **Exergy and sustainable renewable energy system with chemical storage**
Peter Novak, Faculty for Technologies and Systems, Novo mesto, Slovenia

10:45-11:30 Title: **Waste to methanol conversion: the bio-methanol circular economy**
Annarita Salladini, Processi Innovativi Srl, Italy

Networking and Refreshments Break 11:30-11:45 @ Foyer

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

Session Chair: **Peter Novak**, Faculty for Technologies and Systems, Novo mesto, Slovenia

Session Co-Chair: **Cliff Danosh**, Kingston University, UK

Session Introduction

11:45-12:15 Title: **The green economy and landscape restoration: Economics of controlling bush encroachment and invasive plant species in South Africa**
William H L Stafford, Natural Resources and Environment - CSIR, South Africa

12:15-12:45 Title: **Towards innovated green nanotechnology material: ultrananocrystalline diamond/hydrogenated amorphous carbon films prepared by pulsed laser deposition**
Sausan Al-Riyami, Institute of Advanced Technology Integration - TRC, Sultanate of Oman

12:45-13:15 Title: **Study on the adaptive thermal comfort model for sports people in naturally ventilated sports building: A case study in Guangzhou China**
Jin Li, South China University of Technology, China

Lunch Break 13:15-13:45 @ Restaurant Theodor's

Poster Presentations 13:45-14:15 @ Foyer

14:15-14:45 Title: **Ronaldo's spinach: is there really a green power of language?**
Adelaide Chichorro Ferreira, University of Coimbra, Portugal

14:45-15:15 Title: **Sustainable potential of renewable energy recovery from biogenic waste sources: A case study of Nigeria**
Mohammed Yekini Suberu, Federal Polytechnic Nasarawa, Nigeria

15:15-15:45 Title: **Bio-oil production from dry sewage sludge by fast pyrolysis in an electrically-heated fluidized bed reactor**
Renato O Arazo, University of Science and Technology of Southern Philippines, Philippines

Networking and Refreshments 15:45-16:00 @ Foyer

Young Researchers Forum

16:00-16:25 Title: **The inherent thermal comfort provision in mud houses could be regarded as climate responsive vernacular practice of village Mawna at Gazipur district, Bangladesh**
Sayed Ahmed, Bangladesh University, Bangladesh

16:25-16:50 Title: **The effect of living wall systems on the heat resistance value of the facade**
David Tudiwer, Vienna University of Technology, Austria

16:50-17:15 Title: **The application of DNPV to unlock foreign direct investment in waste-to-energy in developing countries**
Ali Shimbar, K N Toosi University of Technology, Tehran, Iran

17:15-17:45 Title: **Hydropower situation in Sub-Saharan Africa and the need for small hydropower plants**
Daniel Adu, Jiangsu University, China

Awards & Closing Ceremony