



# IESRSE2023

International Experts Summit on

# Renewable and Sustainable Energy

**OCTOBER 04, 2023**

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## Virtual Presentation Webnesday | October 04, 2023

Introduction: 9:50 AM – 10:00AM

Time Zone@ Beijing, China (GMT+8)

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|------------------------|----------|--|
| <b>09:30AM–10:10AM</b> | <b>P</b> | <b>Title:</b> Exploring New Electrochemical Energy Storage Systems of High Safety<br><br><b>Yuping Wu</b> , <i>Nanjing Tech University, China</i>  |
| <b>10:40AM–11:20AM</b> | <b>P</b> | <b>Title:</b> Stereolithographic Additive Manufacturing of Practical Ceramic Components for Spatial Modulations of Energy and Materials Flows<br><br><b>Soshu Kiriara</b> , <i>Osaka University, Japan</i>   |
| <b>11:20AM–12:00AM</b> | <b>P</b> | <b>Title:</b> Development of Functionalized Construction Materials using Nano-Engineering Approach<br><br><b>Denvid Lau</b> , <i>City University of Hong Kong, Hong Kong</i>   |
| <b>12:00PM–12:25PM</b> | <b>I</b> | <b>Title:</b> Economical DC Interruption Technology: Development and Prospect<br><br><b>Yifei Wu</b> , <i>Xi'an Jiaotong University, China</i>   |
| <b>12:25PM–12:50PM</b> | <b>I</b> | <b>Title:</b> Microbial Fuel Cell Technology: Waste Bioremediation, Energy Recovery and Biofertilizer<br><br><b>Muaz Mohd Zaini Makhtar</b> , <i>Universiti Sains Malaysia, Malaysia</i>   |
| <b>12:50PM–13:15PM</b> | <b>I</b> | <b>Title:</b> Development of an Enforcement Programme to Control Nitrogen Oxide Emission from in-Use Diesel Vehicles using Roadside Remote Sensing Device and Transient Chassis Dynamometers<br><br><b>Casey KC Lee</b> , <i>The Hong Kong SAR Government, China</i> |
| <b>13:15PM–13:40PM</b> | <b>I</b> | <b>Title:</b> Electric Load Forecasting using Multiple Output Gaussian Processes and Multiple Kernel Learning-<br><br><b>Alireza Ghasempour</b> , <i>University of Applied Science and Technology, Iran</i>  |
| <b>13:40PM–14:05PM</b> | <b>I</b> | <b>Title:</b> Analysis of the Top-7 Modern Projects of Ship Wind Systems<br><br><b>Valentyn Nastasenko</b> , <i>Kherson State Maritime Academy, Ukraine</i>  |
| <b>14:05M–14:45PM</b>  | <b>P</b> | <b>Title:</b> Solar Deployments within the EU Agenda in Albanian<br><br><b>Lorenc Gordani</b> , <i>Tirana Business University (TBU), Albania</i>   |
| <b>14:45PM–15:25PM</b> | <b>P</b> | <b>Title:</b> Climate Change: A Real Threat or Simply Hot Air<br><br><b>Jorg Imberger</b> , <i>The University of Western Australia, Australia</i>  |

- 15:25PM–16:05PM**    **P**    **Title:** Major Hurdles in the Energy Transition from Fossil Fuels to Renewables  
**Volkan S Ediger**, *Kadir Has University, Turkey*
- 16:05PM–16:45PM**    **P**    **Title:** Current Status and Future Trend of Solar-Plus-Storage Technology  
**Mohammad Alghoul**, *King Fahd University of Petroleum & Minerals, Saudi Arabia*
- 16:45PM–17:15PM**    **K**    **Title:** Protection of Fossil Groundwaters in the Albian Aquifer – Southern Algeria  
**Diab Hamida**, *National Company of Iron Mining, Algeria*
- 17:15PM–17:55PM**    **P**    **Title:** Sustainable and Resilient Energy Supply Using Methanol Storage  
**Edgar Harzfeld**, *Stralsund University, Germany*
- 17:55PM–18:20PM**    **I**    **Title:** Energy-Efficient Atmospheric Water Generation Using Hybrid Nanofluids  
**Venkateswara Rao Kode**, *Genesis Systems, USA*
- 18:20PM–18:45PM**    **I**    **Title:** A Case Study on Enabling Efficient Energy Management for HVAC Optimization in Commercial Buildings: Exploring the Potential of OpenADR-based Transactive Demand Response Systems  
**Mehdi Seyedmahmoudian**, *Genesis Systems, USA*
- 18:45PM–19:10PM**    **I**    **Title:** Power System Restoration Strategies Using Sustainable Microgrids Considering Communication Network Interdependency  
**Goli Preetham**, *University of Missouri-Kansas City, USA*
- 19:10PM–19:35PM**    **I**    **Title:** Developing a New Global Curriculum for Sustainability Environmental Education for Secondary Students (Example of Dust Trace Elements)  
**Abdullah Aydin**, *Kırşehir Ahi Evran University, Turkey*
- 19:35PM–20:00PM**    **I**    **Title:** Likely Accelerated Weakening of Atlantic Overturning Circulation Emerged in Optimal Fingerprint  
**Zhengyu Liu**, *The Ohio State University, USA*
- 20:00PM–20:40PM**    **P**    **Title:** Contactless Magnetic Sensing in Condition Monitoring and Anomaly Detection for Smart Grid: New Possibilities and Alternatives  
**Philip W T Pong**, *New Jersey Institute of Technology, USA*

**END OF THE PROGRAM (IESRSE2023)**



2<sup>nd</sup> International Experts Summit on  
Renewable and Sustainable Energy

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05-07 August, 2024 | Lugano, Switzerland

