

ISNRE2023

**International Summit on
Non-Renewable and Renewable Energy**

August 14-15, 2023 | London, UK



Day-1 | August 14, 2023

Chair	Uldis Zaimis , Liepaja University, Latvia
Co-Chair	Kay Pfaffenberger , Flensburg University of Applied Sciences, Germany
09:00-09:30	On Spot Registrations
09:30-10:10	P Title: Sustainable Use of Chitin and Chitosan in the Development of Energy Storage Devices Uldis Zaimis , Liepaja University, Latvia
10:10-10:50	P Title: New Borehole Heat Exchangers in the Geoenergetics Laboratory of AGH University of Science and Technology Tomasz Sliwa , AGH University of Science and Technology, Poland
10:50-11:05	Refreshment Break
11:05-11:45	P Title: Renewable Ocean Energy: The Future of Electricity Richard M Navarro , CEO at Renewable Ocean Energy Inc, USA
11:45-12:25	P Title: The Energy and Climate Conundrum Chris Rhodes , Director at Fresh-lands Environmental Actions, UK
12:25-13:05	P Title: Waste to Energy from Liquid Waste Suresh C Jain , Jain Envirotech Private Limited, India
	Group Photo
13:05-14:05	Lunch Break
14:05-14:35	K Title: Impact of the European Green Energy Transition on Africa - Need for Action of a Sustainable and Successful Approach Kay Pfaffenberger , Flensburg University of Applied Sciences, Germany
14:35-15:05	K Title: Aging of Lithium-Ion Batteries in Electric Vehicles at Hot Desert Climate Kenza Maher , Qatar Environment and Energy Research Institute, Qatar

15:05-15:35	K	Title: Cereal Yield Influenced by Climate Change, Energy Consumption, and CO2 Emissions: An ARDL Analysis Via Environmental Factors for Turkey
		Hakan Acaroglu , Eskisehir Osmangazi University, Turkey
15:35-15:50		Refreshment Break
Scientific Sessions		Climate Change, Sustainable Development and Disaster Risk Reduction, Solar Cell Technology, Geothermal Heating and Heat Pumps
Session Chair		Christophe Menezo , Director-Solar Energy Research Federation, France
15:50-16:15	I	Title: Social Barriers to the Domestic Hydrogen Transition: Gauging Public Preferences for UK Policymaking
		Joel Gordon , Cranfield University, UK
16:15-16:40	I	Title: Alternatives Window for Energy Transition: A Panacea to Climate Change Crises
		Musa Ajiya , Ahmadu Bello University, Nigeria
16:40-17:05	I	Title: Developing a Virtualized Remote Terminal Unit for Enhanced Electricity Transmission and Reduction of Costs and Error Rates in Outage Management
		Necati Keskin , ADM Electricity Distribution Inc., Turkey
17:05-17:30	I	Title: Artificial Intelligence-Based Attack Detection System for Supervisory Control and Data Acquisition (SCADA) Systems: Studies on Substation Emulator
		Sude Kozalioglu , ADM Electricity Distribution Inc., Turkey
17:30-17:55	I	Title: Optical and Electrical Analysis of an Innovative NW Design Reducing Costs and Maximizing PCE By Mimicking ARC Layers
		F. J. Cabrera-Espana , University of London, UK
17:55-18:20	I	Title: Forecasting of Solar Irradiance and Wind Speed in India using Time Series and Machine Learning Models
		Sarita , Birla Institute of Technology and Sciences Pilani, India
P01	Poster	Title: Ten Years of the First Geothermal Spa in Poland
		Aneta Sapinska-Sliwa , AGH University of Science and Technology, Poland

P02	Poster	Title: New Borehole Heat Exchangers in the Geoenergetics Laboratory of AGH University of Science and Technology Adib Kalantar , Muovitech International-Group, Sweden
P03	Poster	Title: Energy Transition in Coal-Dependent Regions Aleksandra Komorowska , Mineral and Energy Economy Research Institute of the Polish Academy of Sciences, Poland

Closing the Conference for Day 1

Day 02, August 15, 2023

09:30-10:10	P	Title: Energy Transition of Cities Facing Climate Change and Resources Availability: Key Role of Solar Energy Christophe Menezo , Director-Solar Energy Research Federation, France
10:10-10:50	P	Title: Waste to Energy From Solid Waste & Contribution of Waste to Energy on Ecosystem, Climate Change Suresh C Jain , Jain Envirotech Private Limited, India

10:50-11:05 Refreshment Break

11:05-11:45	P	Title: Coupling Artificial Intelligence with Tools for Economic Assessment of Environmental Impacts, A Viable Solution for Reasoned Decision-Making, Case of Energy Domain Mohamed Tahiri , Hassan II University of Casablanca, Morocco
11:45-12:25	P	Title: Floating Offshore Wind in the Africa and the Developing World Steve Jermy , CEO at Celtic Sea Power, UK
12:25-13:05	P	Title: Energy Transition and Climate Policy in Brazil- A Window of Opportunity Maria Joao C. P. Rolim , Partner at Rolim, Goulart Cardoso Advogados, Brazil

Group Photo

13:05-14:05 Lunch Break

14:05-14:35	K	Title: Sustainable Hybrid LED Illumination Systems Akram Abu-Aisheh , University of Hartford, USA
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14:35-15:05	K	Title: Heat Generation Effect on Lithium-Ion Battery Reliability Kenza Maher , Qatar Environment and Energy Research Institute, Qatar
15:05-15:35	K	Title: Organic Photovoltaic Greenhouse Thomas Bartzanas , Agricultural University of Athens, Greece
15:35-15:50		Refreshment Break
15:50-16:20	K	Title: Advances in the Electrodeposition of Energy Materials Natasa Vasiljevic , University of Bristol, UK
Scientific Sessions		Battery Energy Storage System, Energy Materials, Solar & Photovoltaic Technology, Biofuels, Bioenergy & Bio-gas
Session Chair		Kenza Maher , Qatar Environment and Energy Research Institute, Qatar
16:20-16:45	I	Title: Boosting Battery Performance: Multi-objective Optimization of Preheating and Fast Charging at Subzero Temperatures Haijun Ruan , Coventry University, UK
16:45-17:10	I	Title: Effects of Boron Electrolyte Materials and Compositions for Electrochemical Supercapacitors Yahya Atilgan , ADM Electricity Distribution Inc., Turkey
17:10-17:35	I	Title: A Systematic Review of the Impact of Cooking Stove Technology and Clean Energy Consumption: Empirical Evidence for Disruptions in Cultural Cooking Behaviour in East Africa Yusuph John Kulindwa , Moshi Cooperative University, Tanzania
17:35-18:00	I	Title: Evaluation of both Efficiency and Stability by Current-Voltage (IV) Performance for New Dye Silicone Solar Cell (DSSC) covered with Natural Plant Dyes Salah A Naman , University of Zakho Kurdistan, Iraq
18:00-18:25	I	Title: Solar Photovoltaic Algorithm as a Panacea for Rural Development Temitayo Bello , Adeleke University, Nigeria
18:25-18:50	I	Title: Remote On-line Condition Monitoring and Warning System for Wind Turbine Blades based on BPNN and Acoustical Features Xiaoying Liu , Huazhong University of Science and Technology, China

18:50-19:10 **Video**

Title: No Doubt on Floating Offshore Wind and Offshore Renewable Energy

Akira Nishimura, Mie University, Japan

19:10-19:30 **Video**

Title: MAX Phases as the Catalysts Support Materials for Green Energy Related Applications

Nevenka Elezovic, University of Belgrade, Serbia

19:30-19:50 **Video**

Title: Exploring New Electrochemical Energy Storage Systems of High Safety

Yuping Wu, Southeast University, China

Closing the Conference

Next Event

2nd International Summit on
Non-Renewable and Renewable Energy
August 26-28, 2024 | Valencia, Spain