

RENEWABLEMEET2022

MARCH 21-23, 2022 | DUBAI, UAE

Location: Crowne Plaza Dubai - Deira,
Salahuddin Rd - Dubai-United
Arab Emirates

Tentative Program



ALBEDO MEETINGS

Floor# 3, Advant Building, 99B, Kakatiya
Hills, Kavuri Hills, Madhapur Hyderabad,
TS 500033

Email: contact@albedomeetings.com

01 | MARCH 21, 2022

08:30-09:00		Registrations
09:00-09:30		Introduction
09:30-10:00	K	Title: Fundamental Understanding of 2D Composites for Energy Storage
		Martin Kalbac , <i>Charles University, Czech Republic</i>
10:00-10:30	K	Title: Low-dimensional Hetero structures and Energy-Harvesting Device Applications
		Suk-Ho Choi , <i>Kyung Hee University, Korea</i>
10:30-11:00	K	Title: Will be updated soon..
		M. Brice Cruchon , <i>Claude Bernard Univeristy, France</i>
11:00-11:15		Refreshments Break
11:15-11:45	K	Title: Recycling of Phosphorus from Agricultural Wastes and Fabrication Into Novel Nanofertilizer
		Jaisi Deb , <i>University of Delaware, USA</i>
11:45-12:15	K	Title: Energy Efficient Design for PV-Powered Electric Vehicle Charging Stations to increase PV benefits
		Manuela Sechilariu , <i>Alliance Sorbonne University, France</i>
12:15-12:45	K	Title: Greening Employees: Concept and Trends
		Virginie Francoeur , <i>Polytechnique Montreal, Canada</i>
12:45-13:15	K	Title: Will be updated soon..
		Arnold Gad-Briggs , <i>Cranfield University, UK</i>
13:15-13:20		Group Photo
13:20-14:00		Lunch
14:00-14:30	K	Title: Caloric Cooling and Heat Pumping Technologies Based on Sustainable Solid-State Materials
		Adriana Greco , <i>University of Naples Federico II, Italy</i>
14:30-15:00	K	Title: Will be updated soon..
		Assunta Borzacchiello , <i>University of Naples Federico II, Italy</i>
15:00-15:25	I	Title: Elastocaloric-Based Prototypes for Cooling and Heat Pumping of tomorrow
		Claudia Masselli , <i>Cranfield University, UK</i>
15:25-15:50	I	Title: Making Environmental Awareness Accessible to the Community
		Hen Friman , <i>H.I.H.I.T - Holon Institute of Technology, Israel</i>
15:50-16:15	I	Title: The service life of the PV systems and its impact on electricity costs
		Vítězslav Benda , <i>Czech Technical University, Czech Republic</i>
16:15-16:30		Refreshments Break

16:30-16:55	I	Title: Renewable Energy Consumption and CO2 Emissions in the Case of the European Union
		Stefan Sauer , <i>FAU Nuremberg University, Germany</i>
16:55-17:20	I	Title: The Evolution of Energy Matrix: Challenges and Opportunities for Renewable Energy
		Roberto Teixeira Siniscalchi , <i>Furnas Centrais Eletricas, Brazil</i>
17:20-17:45	I	Title: Encoderless Control of AC Drives – Concepts and Realistic Expectations
		Kennel Ralph , <i>Stellenbosch University, Germany</i>
17:45-18:10	I	Title: New Solutions For Storing and Using Surplus Electricity in Methanol
		Edgar Harzfeld , <i>Stralsund University, Germany</i>

End of Day - 01

02 | MARCH 22, 2022

09:30-09:55	I	Title: Green energy: An Exemplary Approach to Sustainable Development in Africa and Germany as a Model for other Countries?
		Kay Pfaffenberger , <i>Flensburg University of Applied Sciences, Germany</i>
09:55-10:20	I	Title: Converting Cars Into Solar Hybrid: A Short-Term Sustainable Option toward Green Mobility
		Gianfranco Rizzo , <i>University of Salerno, Italy</i>
10:20-10:45	I	Title: Will be updated soon.
		Masih Alavy , <i>University of Toronto, USA</i>
10:45-11:10	I	Title: Photoconversion of Carbon Dioxide at Copper(I) Oxide Modified with Titanosilicate Microporous Material (ETS-10)
		Ewelina Szaniawska , <i>Charles University, Czech Republic</i>
11:10-11:25		Refreshment Break
11:25-11:50	I	Title: Contribution of Hybrid Power Plants (RES and Batteries) in Electricity Markets
		Emmanuel Karapidakis , <i>Hellenic Mediterranean University, Greece</i>
11:50-12:15	I	Title: Electric Vehicle (EV) and Hybrid EV (HEV) Performances.
		Malek Ghanes , <i>Head of the Chair Renault-CN on EV / HEV, France</i>
12:15-12:40	I	Title: Inkjet Printed Flexible and Free Design OPV Modules for Indoor Application
		Sadok Ben Dkhil , <i>Claude Bernard University, France</i>
12:40-13:05	I	Title: Vertical Concentrated Solar Power (CSP) With Fresnel Lens
		Zeljko Tomsic , <i>University of Zagreb, Croatia</i>
13:05-13:45		Lunch
13:45-14:10	I	Title: Energy Efficiency Horizon 2020 Projects. Energy Transition Research Center Perspectives
		Dan D. Micu , <i>Technical University of Cluj-Napoca, Romania</i>

14:10-14:35	I	Title: Wave Energy Extraction in the Context of The Climate Change
		Liliana Rusu , <i>University of Galati, Romania</i>
14:35-15:00	I	Title: Marine Renewable Energy, an Important Resource towards a low Carbon Future
		Eugen Rusu , <i>University of Galati, Romania</i>
15:00-15:25	I	Title: Smart Monitoring of Civil Infrastructures
		Laura Inzerillo , <i>University of Palermo, Italy</i>
15:25-15:50	I	Title: Innovative Ecological Solutions in the Management of International Cargo Transport
		Piotr Maśloch , <i>War Studies University Warsaw, Poland</i>
15:50-16:05		Refreshments Break
16:05-16:30	I	Title: Innovative Ecological Solutions in the Management of International Cargo Transport
		Tomasz Jałowiec , <i>War Studies University Warsaw, Poland</i>
16:30-16:55	I	Title: Combustion and NOx Emission for Low Calorific Value Fuels
		Jobaidur Khan , <i>University at Buffalo, USA</i>
16:55-17:20	I	Title: Cost Effective Transition to Sustainable Decarbonised Energy Systems
		Hossein Ameli , <i>Imperial College London, UK</i>
17:20-17:45	I	Title: Experimental Investigation of a Liquid Desiccant System for Solar Cooling and Air Conditioning
		Gershon Grossman , <i>Israel Institute of Technology, Israel</i>

End of Day - 02

DAY 03 | MARCH 23, 2022

09:30-09:55	I	Title: Emerging inorganic thin film photovoltaic technologies: what's next?
		Edgardo Ademar Saucedo Silva , <i>Polytechnic University of Catalonia, Spain</i>
09:55-10:20	I	Title: Solution Phase Synthesis of Inorganic Nanoparticle, Films and Solar Cells
		Agrawal Rakesh , <i>Purdue University, Indiana</i>
10:20-10:45	I	Title: An Ecosystem for Optimising the Design of Photovoltaic Plants for Prosumers
		João Murta Pina , <i>NOVA University of Lisbon, Portugal</i>
10:45-11:10	I	Title: Environmental Impact Assessment- An Oil and Gas Industry Perspective
		Nabil Abdel Jabbar , <i>American University of Sharja, UAE</i>
11:10-11:25		Refreshments Break
11:25-11:50	I	Title: Data Driven Failure Prediction of Wind Turbine Components
		James Carroll , <i>University of Strathclyde, UK</i>

11:50-12:15	I	Title: nZEB Convesion of an Office Building
		Fabrizio Cumo , <i>University of Rome, Italy</i>
12:15-12:40	I	Title: Hydrogen Production Via Formic Acid Photocatalytic Decomposition Over Copper-Iron-Based Materials Under Visible Light
		Issa-Hamoud Houeida-Chloé , <i>Normandie Universit, France</i>
12:40-13:05	I	Title: New Hybrid Zeolite-Polymer Materials for Membranes' Applications
		Rita Zakhia Douaihy , <i>Laboratoire Catalyse et Spectrochimie, France</i>
13:05-13:45		Lunch
13:45-14:10	I	Title: Large Scale Energy Harvesting from Rainfalls: The Introduction to the Idea Rain Panel
		Ali Ghaffarinejad , <i>Instituto de Ciencia de Materiales de Sevilla, Spain</i>
14:10-14:35	I	Title: Evaluation Project of Irrigation Methods: Melga and Irrigation due to Underground Dripping in the Cultivation of Alfalfa (Medicago Sativa), In the Mexicali Valley
		Maria Isabel Escobosa Garcia , <i>Autonomous University of Baja Californi, Mexico</i>
14:35-15:00	I	Title: Will be updated soon.
		Aleksandar Rudnik Milanovic , <i>Rudnik Urbanism Design Architecture, Serbia</i>
15:00-15:25	I	Title: Analysis of Heat Transfer Performance and Thermal Characteristics of Hybrid nanofluids via Application of Fractional Model
		Talha Anwar , <i>King Mongkut's University of Technology, Thailand</i>
15:25-18:00	FEW SLOTS ARE AVAILABLE FOR SPEAKERS PRESENTATIONS	

End of Day 3

March 24, 2022 | Virtual Presentations

Starts @ Beijing Time Zone (GMT + 8)

09:00-09:10		Introduction
09:10-09:50	P	Title: Next Generation Solar Cells: Which One Will Win the Race?
		Hongxia Wang , <i>Queensland University of Technology, Australia</i>
09:50-10:30	P	Title: Harnessing Thermal Waste Heat – Towards a Sustainable Future
		Chua Kian Jon Ernest , <i>National University of Singapor, Singapore</i>
10:30-11:10	P	Title: Self-gating in Semiconductor Electrocatalysis
		Zheng Liu , <i>National University of Singapor, Singapore</i>
11:10-11:40	K	Title: Feasibility Study on Energy Supply Chain Combining Renewable Energy and Hydrogen
		Akira Nishimura , <i>Mie University, Japan</i>
11:40-12:10	K	Title: Next Generation Solar Cells: Which One Will Win the Race?
		Hongxia Wang , <i>Queensland University of Technology, Australia</i>

12:10-12:40	K	Title: Next Generation Solar Cells: Which One Will Win the Race?
		Hongxia Wang , <i>Queensland University of Technology, Australia</i>
12:40-13:10	K	Title: Next Generation Solar Cells: Which One Will Win the Race?
		Hongxia Wang , <i>Queensland University of Technology, Australia</i>
13:10-13:35	I	Title: Development of Floating-Type Overhead Power Transmission System for Offshore Renewable Energy: Design and Numerical Modeling of Mechanical System
		Hongzhong Zhu , <i>Kyushu University, Japan</i>
13:35-14:00	I	Title: Will be updated soon
		Nagato Katsura , <i>Kobe university, Japan</i>
14:00-14:25	I	Title: Adoption of Appropriate Green Technology for OUR Organic Waste
		Fatihah Suja , <i>Universiti Kebangsaan, Malaysia</i>
14:25-14:50	I	Title: Energy Harvesting Using Magnetic Domain Transition in Thin-Film Strips
		Tomoo Nakai , <i>Miyagi Prefectural Government, Japan</i>
14:50-15:15	I	Title: Thermochemical Hydrogen Production via Sodium Redox Cycle
		Takayuki Ichikawa , <i>Hiroshima University, Japan</i>
15:15-15:40	I	Title: Importance in Physical Separation for Creating Environment Friendly Recycling Process
		Shuji Owada , <i>Waseda University, Japan</i>
15:40-16:05	I	Title: Modelling the Effect of the Co-Development of Natural Gas Distributed Energy and Renewable Energy
		Yuan Jieqing , <i>Yichun University, China</i>
16:05-16:30	I	Title: Experimental and Numerical Study on Performance of Movable Tsunami Mitigation Facility "Anti-Tsunami Door"
		Tetsuya Hiraishi , <i>Kyoto University, Japan</i>
16:30-16:55	I	Title: Private Financing into Green Energyprojects And Ghg Tax
		Naoyuki Yoshino , <i>Keio University, Japan</i>

March 25, 2022 | Virtual Presentations

Starts @ London, UK Time Zone (GMT + 1)

09:00-09:10		Introduction
09:10-09:50	P	Title: Energy: The Power to Empower
		Elena Gaura , <i>Coventry University, UK</i>
09:50-10:20	K	Title: Ternary Blend; An Efficient Approach to Boost Performance and Stability of Organic Solar Cells
		Tayebeh Ameri , <i>University of Edinburgh, UK</i>
10:20-10:45	I	Title: Facile Room-Temperature Fabrication of Three-Dimensional Silver-Platinum Nanocoral Catalyst For Green Energy-Generation Technology
		Thiên Tài Huỳnh , <i>Ho Chi Minh City University of Natural Resources and Environment, Vietnam</i>

10:45-11:10	I	Title: Renewable Energy for Climate Friendly Lifestyles - Example Mobility Services with Battery Electric Vehicles
		Gerfried Jungmeier , <i>JOANNEUM RESEARCH, LIFE - Institute for Climate, Energy, and Society, Austria</i>
11:10-11:35	I	Title: Making Environmental Awareness Accessible to the Community
		Hen Friman , <i>H.I.H.I.T - Holon Institute of Technology, Israel</i>
11:35-12:00	I	Title: Energy and Waste Valorization from Construction and Building Materials
		Florian Huchet , <i>Gustave Eiffel University, France</i>
12:00-12:25	I	Title: Reliability Monitoring of Silicon Carbide (Sic)-Based Power Electronic Converters
		Kamyar Mehran , <i>Cranfield University, UK</i>
12:25-13:05	P	Title: Driving Sustainable Development through Energy Sustainability
		Marc Rosen , <i>University of Ontario Institute of Technology, Canada</i>
13:05-14:30	I	Title: Key Technological Aspects of Electromagnetic Energy Harvesting with CMOS-based Energy Converters for Battery-less Devices Used in Smart Wireless Networks
		Constantin Nicolas , <i>University of Quebec, Canada</i>
14:30-14:55	I	Title: Will be updated soon
		John Lam , <i>York University, Canada</i>
14:55-15:20	I	Title: Overview on the Pumps-As-Turbine (Pat) Technology: Novel Performance Prediction Models and the Study of the Internal Fluid Flow Behaviour Through Computational Fluid Dynamics (Cfd)
		Mosè Rossi , <i>Marche Polytechnic University, Italy</i>
		FEW SLOTS ARE AVAILABLE FOR SPEAKERS PRESENTATIONS

Note : This is a Tentative Program , it is Subjected to Slight Changes Till Final Program



RENEWABLEMEET2023

MARCH 13-15, 2023 | ROME, ITALY

2ND INTERNATIONAL MEET ON RENEWABLE AND
SUSTAINABLE ENERGY