

6th Edition of Renewable and Sustainable Energy Virtual

November 03, 2023



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Webinar
Timings

Speakers
Timings

07:00 – 07:10

Introduction

07:10 – 07:45

12:40 – 13:15

K

Title: Designing Advanced Heterostructures for Photo- and Electrochemical Water Splitting Applications

Tokeer Ahmad, Jamia Millia Islamia, India.

07:45 – 08:20

10:45 – 11:20

K

Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

Seongwoo Woo, Ethiopian Technical University, Ethiopia.

08:20 – 08:55

16:20 – 16:55

K

Title: Direct Liquid Fuel Cell: Technologies, Current Issues and Future Development

Siti Kartom Kamarudin, Universiti Kebangsaan Malaysia, Malaysia.

08:55 – 09:35

16:55 – 17:35

P

Title: Biochars from electric pyrolysis and microwave pyrolysis

Yaning Zhang, Harbin Institute of Technology, china.

09:35 – 10:15

18:35 – 19:15

P

Title: Nanostructured Carbon-Inspired Energy Engineering Innovation

Katsumi Kaneko, Shinshu university, Japan.

10:15 – 10:35

13:15 – 13:35

I

Title: Energy Storage and Energy Dissipation in Thermomechanical Processes for Crystallographic Transformations in Shape Memory Alloys

Osman Adiguzel, Firat University, Turkey.

10:35 – 10:55

18:35 – 18:55

I

Title: Recent Advances of Magnetic Gold Hybrids and Nanocomposites, and Their Potential Biological Applications

Mirza Muhammad Faran Ashraf Baig, The Hong Kong University of Science and Technology, China.

10:55 – 11:15	12:55 – 13:15	I	Title: Photovoltaic Performance of p-type Dye-Sensitised Solar Cells Based on Solid and Flexible Electrode Systems Habtamu Fekadu Etefa, Walter Sisulu University, South Africa.
11:15 – 11:35	11:15 – 11:35	I	Title: Preheating Enabled Fast Charging for Lithium-ion Batteries at Subzero Temperatures Haijun Ruan, Coventry University, United Kingdom
11:35 – 11:55	20:35 – 20:55	I	Title: Machine Learning and Life Cycle Assessment Approach for Saving the Fuel Oil Consumption of Ocean-going Vessels in the Intelligent Shipping Transportation System Tien Anh Tran, Seoul National University, South Korea.
11:55 – 12:15	11:55 – 12:15	I	Title: Driving factors of urban electricity consumption in Burkina Faso: An investigation of dwelling level factors Komlan Hector Seth Tete, International Institute of Water and Environmental Engineering, Burkina Faso.
12:15 – 12:35	13:15 – 13:35	I	Title: Low-carbon transition policy towards operational and environmental efficiencies of the largest oil and gas companies Sami Jarboui, University of Sfax, Tunisia.
12:35 – 12:55	06:35 – 06:55	I	Title: Preparation of Tetrallylated cystamine as a biobased curing agent for the epoxy/thiol-ene photopolymerization of epoxy resins Ricardo Acosta Ortiz, Center for Research in Applied Chemistry, Mexico.
12:55 – 13:30	08:55 – 09:30	K	Title: peer-to-peer energy trading in multi-energy microgrids Shengrong Bu, Brock University, Canada.
13:30 – 14:05	19:00 – 19:35	K	Title: Energy Efficiency improvement through Energy Audit Arvind Dhingra, Guru Nanak Dev Engineering College.

Closing Ceremony