



Final Program

Power-Energy-2022

Energy Engineering and Power Technology

June 13, 2022 | Webinar



Virtual

June 13, 2022

Virtual Presentations

London Time Zone (GMT)

09:30-09:55	I	Title: Alloy Based Anodes for Sodium Ion Batteries Nana Wang, University of Wollongong, Australia
09:55-10:35	P	Title: Mode Localization and its Application in Damage Identification of Wind Turbines Dongsheng Li, Shantou University, China
10:35-11:00	I	Title: Modeling and Control of Power Electronic Converters for Microgrid Applications Yang Han, The University of Electronic Science and Technology, China
11:00-11:25	I	Title: Cesium based halide perovskite film growth and Photovoltaic Device Shenghao Wang, Shanghai University, China
11:25-12:015	P	Title: Charge Storage in Functionalized Renewable Materials Rajan Jose, University of Malaysia, Malaysia
12:15-12:55	P	Title: Sustainability Development of a Quad-Generation Utilities Plant Designed for the Tropics Chua Kian Jon Ernest, National University of singapore, Singapore
12:55-13:20	I	Title:Decentral Hydrogen Paul Grunow,Technical University Berlin, Germany
13:20-14:00	P	Title: Advanced Rechargeable Batteries - Opportunities and Challenges of Li-Metal Batteries Wonbong Choi, University of North Texas, USA
14:00-14:25	I	Title: Resilient Power Grid: Managing Climatic Risks in the Face of Uncertainties Abdollah Shafieezadeh, The Ohio State University, USA
14:25-15:15	P	Title: Net-Zero Energy Buildings and Communities: Advances and Potential Marc Rosen, University of Ontario Institute of Technology, Canada

15:15-15:40	I	<div>Title: Alternative Chemical Method to Generate Clean Hydrogen from ALLi Alloy and Water under Normal Conditions</div> <div>Elizabeth Teresita Romero Guzman , National Institute of Nuclear Research, Mexico</div>
15:40-16:05	I	<div>Title: Distribution System Performance Enhancement with the Integration of Renewable Distributed Generation</div> <div>Tefera Mekonnen, Jimma University, Ethiopia</div>
Closing the Webinar for Day		