

GSPREE2022

Global Summit on Power and Energy Engineering

March 23-24, 2022

Virtual

TENTATIVE PROGRAM



The Scientistt

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Day-1 | WEDNESDAY MARCH 23, 2022

Virtual Presentations | Time zone: London, UK(GMT)

09:00-09:40	Title: Developing a Smart Multi-Generation System for Energy Efficiency Chua Kian Jon Ernest , National University of Singapore, Singapore	P
09:40-10:10	Title: Vision to Achieve Carbon Neutral in China: Hydrogen based Sustainable Energy System Bin Chen , Xi'an Jiaotong University, China	K
10:10-10:35	Title: Development Approaches of Thermal Energy Storage: Nanocomposites Materials & Advanced Systems Maha M Khayyat , KACST, Saudi Arabia	I
10:35-11:00	Title: Overview of Medium Voltage DC Shipboard Power System Luona Xu , Aalborg University, Denmark	I
11:00-11:30	Title: Comparison of Two Aquifer Thermal Energy Storage ATES Systems in Arid Region and within Different Geo-Hydrological Conditions Nadhir Al-Ansari , Lulea University of Technology, Sweden	K
11:30-11:55	Title: Photovoltaic under Concentration Overview: Situation, Futur and Challenges Ali Ahaitouf , Sidi Mohammed Ben Abdellah University, Morocco	I
11:55-12:20	Title: Decisions under Uncertainty in Power Systems Jean-Francois Toubreau , University of Mons, Belgium	I
12:20-12:50	Title: Innovation Management as a basis for success for Electrolysis and Fuel Cell Components. Innovative Production for the Energy Turnaround Thorsten Hickmann , Eisenhuth Gmbh & Co. Kg, Germany	K
12:50-13:15	Title: Predictive Control for Power Converters and Drives – Concepts and Trends Ralph Kennel , Technical University of Munich, Germany	I
13:15-13:40	Title: Thermomechanical Processing of Fully Ferritic Laves Phase Strengthened Stainless Steels Jana Pöpperlová , RWTH Aachen University, Germany	I
13:40-14:05	Title: Machine Learning Tool for Transmission Capacity Forecasting of Overhead Lines based on Distributed Weather Data Gabriela Molinar , Karlsruhe Institute of Technology, Germany	I
14:05-14:45	Title: Perpetua-Mobile Wind-Turbine Installations with Flexible Blades: System-of-Systems Approach Adnan Ibrahimbegovic , Sorbonne University Alliance, France	P
14:45-15:10	Title: Can a Thermodynamic Tool Predict The Ash Behavior of Biomass and their Mixtures in Combustion Processes? Emile Atallah , CEA Grenoble, France	I
15:10-15:50	Title: Aggregation of Prosumers in Energy Communities for Providing Ancillary Services Pierluigi Siano , University of Salerno, Italy	P
15:50-16:15	Title: The Enabling Technologies to Focus on for an Energy Transition that Focuses on The Citizen and Local Development Anna Pinnarelli , University of Calabria Arcavacata of Rende–Cosenza, Italy	I

16:15-16:55	Title: Digital Substation of Enabling Smart Grid Tarlochan S. Sidhu , Ontario Tech University, Canada	P
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Day-2 | THURSDAY MARCH 24, 2022

Virtual Presentations | Time zone: Newyork, USA (GMT-5)

09:00-09:25	Title: Modeling Inhomogeneous Degradation in Lithium-Ion Batteries: The Effect of Thermal Gradients Shen Li , Imperial College London, United Kingdom	I
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09:25-09:50	Title: Multiphysics Condition Monitoring Technique for the Reliability Assessment of Silicon-Carbide Power Modules in Wind Turbines Kamyar Mehran , Queen Mary University of London, United Kingdom	I
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09:50-10:30	Title: Space-Based Solar Power: From the Realm of Science Fiction to Reality Omar M. Ramahi , University of Waterloo, Canada	P
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10:30-11:10	Title: Energy Methods and Environmental Stewardship Marc A. Rosen , University of Ontario Institute of Technology, Canada	P
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11:10-11:35	Title: Energy Output Predictions of Roof Mounted VAWT in Urban Environments Marius Paraschivoiu , Concordia University, Canada	I
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11:35-12:00	Title: Particle Rebound/Deposition Modelling in Engine Hot-Sections Lei-yong Jiang , The National Research Council of Canada, Canada	I
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12:00-12:40	Title: Power and Performance Tradeoffs for Exascale Computing Sanjay Ranka , University of Florida, USA	P
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12:40-13:20	Title: Plasma Actuation for Improved Performance of Turbomachinery Subrata Roy , University of Florida, USA	P
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13:20-14:00	Title: The Use of Magnetized Nanofluids in Solar Energy Samuel Sami Howard , TransPacific Energy Inc/ IES-UND, USA	P
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14:00-14:25	Title: Systems of Multidimensional Modular Linear Equations Fausto Abraham Jacques-García , Queretaro State University, Mexico	I
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14:25-15:05	Title: Power Engineering Education in the Age of Climate Crisis- A Holistic View Ned Mohan , University of Minnesota, USA	P
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****End of the Program****



GSP EE 2023

2nd Global Summit on Power and Energy Engineering
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