



The
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Power Summit-2025

**Global Congress on
Power and Energy Engineering**

November 10-12, 2025 | Valencia, Spain

TENTATIVE PROGRAM



E: powersummit-2025@iconicmeetings.info
W: <https://www.renewableenergy.theiconicmeetings.com/>

Day 1 (November 10, 2025)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:40	Title :Quantum Dots in Solar Energy Conversion and Photovoltaic Applications Moungi Bawendi,Massachusetts Institute of Technology (MIT), France
10:40-11:20	Title:SOLAR ENERGY PROGRAMME IN INDIA CHINA AND DENMARK AND IMPACT ON SOCIETY ,ENVIRONMENT AAD CLIMATE MITIGATION R.P. Gupta,Chairman & Managing Director of the Solar Energy Corporation of India Limited,India
11:20-11:35	Refreshments Break@ Foyer
Keynote Session	
11:35-12:10	Title:Thermal Energy Management in Industrial Applications Peter Lorenz Meusburger,Graz University of Technology,Austria
12:10-12:45	Title: Nanomaterials in Energy Harvesting and Storage Technologies Zishuai Bill Zhang,Peking University,China
12:45-13:00	Group Photo & Networking Session
13:00-14:00	Lunch Break
14:00-14:35	Title:Bioinspired Catalysis for Energy-Efficient Fuel Production Frances H. Arnold,University of California,USA
14:35-15:10	Title:Protein Engineering for Renewable Bioenergy Pathways William M. (Bil) Clemons,University of California,USA
Work Shop	

15:10-15:45	Title:Performance Comparison of Feedforward and Cascade-Forward Backpropagation Neural Networks for Estimating Solar Irradiance in Data-Scarce Regions of Ethiopia
	Tegenu Argaw Woldegiyorgis,Wollo University, Ethiopia
15:45 - 16:00	Refreshments Break@ Foyer
16:00 -16:45	Title: Optimal power control of grid-connected Microgrid in a hierarchical framework based on nonlinear model predictive control
	Ziyodulla Yusupov,Karabuk university,Türkiye
	Cocktail Party @18:00 onwards
Day 2 (November 11, 2025)	
08:30-09:30	Registrations
	Plenary Session
09:30-10:10	Title:Smart Grids and Data-Driven Energy Distribution
	Lu Haiyan, University of Technology Sydney, Australia
10:10-10:50	Title :Energy Policy Modeling and Environmental Sustainability
	Angeliki Diane Rigos, Massachusetts Institute of Technology, USA
	Keynote Session
10:50-11:35	Title: Sustainable Power Systems for Smart Cities
	Emmet Lagan,Ulster University, Ireland
11:35-11:50	Refreshments Break@ Foyer
11:50-12:20	Title:Photonic Energy Devices for Grid-Level Applications
	Andrea Martin Armani,University of California,USA
12:20-12:50	Title:AI Optimization in Power Generation Systems
	Amir Katz,Tulane University,USA

12:50-13:20	Title:Advanced Ceramic Materials in High-Temperature Energy Applications	
	Felix Ott, Institute for Manufacturing Technology of Ceramic Components,Germany	
13:20-14:20	Lunch Break	
14:20-14:50	Title:Sustainable Infrastructure and Power Design in Urban Areas	
	Peter Lawrence,Suzhou University of Science and Technology,China	
14:50-15:20	Title:Energy Efficiency in Industrial Robotics and Automation	
	Linda Schmidt,University of Applied Sciences Leipzig,Germany	
15:20-15:50	Title:Desalination-Powered by Renewable Energy: Challenges and Innovations	
	Shaikhah Laradhi, King Fahd University for Science and Technology, Saudi Arabia	
Speaker Slots Available		

Day 3 (November 12, 2025)	
MainHall	
08:30-09:30	Registrations
Featured talk	
09:30-10:00	Title:Microgrid Design and Renewable Integration Strategies
	Ruolin Li,University of California,USA
10:00-10:30	Title:Mechanics of Advanced Energy Storage Systems
	Nelly Andarawis-Puri,University of California,USA
10:30-11:30	Title: Policy and Strategy for Green Energy Transition in Developing Economies
	Abhishek Bansal,Principal Consultant, New Era Consultancy Services, India
11:30-11:45	Refreshments Break@ Foyer

Keynote session

11:45-12:15

Title:Flexible Batteries for Soft Robotics in Hand Rehabilitation

Laura Chen, Nanyang Technological University, Singapore

12:15-13:45

Title :Smart Glove Sensors Powered by Flexible Energy Modules

Kenji Sato, University of Tokyo, Japan

Speaker Slots available

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