



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

	Title:Advanced Ceramic Materials in High-Temperature Energy Applications
12:50-13:20	Felix Ott, Institute for Manufacturing Technology of Ceramic Components,Germany
11:35-11:50	Refreshments Break@ Foyer
Featured Talks	
	Title:Photonic Energy Devices for Grid-Level Applications
11:50-12:20	Andrea Martin Armani, University of California,USA
	Title:AI Optimization in Power Generation Systems
12:20-12:50	Amir Katz,Tulane University,USA
	Title:Advanced Ceramic Materials in High-Temperature Energy Applications
12:50-13:20	Felix Ott, Institute for Manufacturing Technology of Ceramic Components, Germany
13:20-14:20	Lunch Break
	Title:Sustainable Infrastructure and Power Design in Urban Areas
14:20-14:50	Peter Lawrence,Suzhou University of Science and Technology,China
	Title:Energy Efficiency in Industrial Robotics and Automation
14:50-15:20	Linda Schmidt,University of Applied Sciences Leipzig,Germany
	Title:Desalination-Powered by Renewable Energy: Challenges and Innovations
15:20-15:50	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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