

11th IEEE Innovation Smart Grid Technologies Asia 1 - 5 November 2022 Marina Bay Sands, Singapore



“Energy Resilience & Sustainability for Smart Nations”

Call for Participation

Keynote Speakers



“Challenges & Opportunities of Decarbonization in the Global Electric Power Sector”
Prof. Saifur Rahman



“Grid Resilience & Metrics”
Dr. Jessica Bian



“Microgrid Overview and Research”
Prof. Claudio Cañizares



“Electric Spring and Smart Load: Technology, System-level Impact & Opportunities”
Prof. Shu Yuen (Ron) Hui



“Electrical Power and Propulsion”
Dr. Amit K. Gupta



“The Future of DER Hosting Capacity & Operating Envelopes”
Professor Nando Ochoa

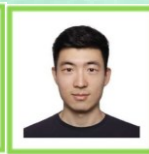


“Impact of Resource Forecasting on Integration of Variable RES into Electric Power Grids”
Dr. Thomas Reindl

Tutorials



“How to Develop Cloud Computing Frameworks in Large-Scaled Distribution System Simulations”
Dr. Sayansom Chanda



“Machine Learning and Optimization for Smart Grid”
Prof. Zhang Yan & Dr. Yushua Li

Conference Tracks

- System Planning and Operation with High-Level Renewable Energy Resources.
- Renewable Generation Integration and Low-Inertia Grid.
- Artificial Intelligence (AI) for Grid Resilience Enhancement.
- Grid-Edge Systems and Technologies.
- Electricity Market, Innovative Business Mechanism, Policy/Regulatory Aspects.
- Advances in Virtual Power Plant: Modelling, Optimization, and Implementation.
- Coordinated Operation of Active Distribution Networks.
- Toward Digitalized Microgrids with Blockchain, Data Driven Techniques, and Cyber-Resilience Enhancement Methods.
- Topical Developments of Power Electronics Converter with their Futuristic Control Approach in System Resilience Enhancement.

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Registration Fees

IEEE PES Member	SGD 1,220
IEEE Member	SGD 1,400
Non-Member	SGD 1,800
IEEE PES Student Member	SGD 610
IEEE Student Member	SGD 730
IEEE Life Member	SGD 610

Tutorial Registration (1 November 2022 only)	
Regular	SGD 450
Student	SGD 300
1 Day Registration (2, 3, 4 Nov)	
Regular	SGD 600



Website: <https://ieee-isgt-asia.org/>

Email: jasmine@jjayes.com

Program At-Glance

Day 1 1 st Nov		Day 2 2 nd Nov		Day 3 3 rd Nov		Day 4 4 th Nov		Day 5 5 th Nov Technical Tour		
1300 – 1500	Tutorial 1: Sayonsom Chanda	0830 – 0900	Opening Ceremony	0900 – 1030	Keynote Speaker: Thomas Reindl Nando Ochoa	0900 – 1030	Keynote Speaker: Shu Yuen Hui Amit Gupta	0900 – 0945	Registration + Traveling	
		0900 – 1145	Keynote Speaker: Saifur Rahman Jessica Bian Claudio Canizares	1145 – 1245	Panel Session #2: Hatch & SIT	1100 – 1200	Panel Session #5, Urban Microgrid by PRIMO			
1530 – 1730	Tutorial 2: Yan Zhang Yusuha Li	1145 – 1245	Panel Session #1: Utility of the Future	1400 – 1530	Oral Session: #8 – 10	1200 – 1300	Oral Sessions #14 – 16	0945 – 1115	Rolls-Royce Corporate Lab & SP Group NTU Joint Lab	
		1400 – 1530	Oral Session: #1 – 3 / Poster Session	1600 – 1700	Panel Session #3, IEEE WIE	Oral Session: #11, 12	1400 – 1530			Oral Sessions #17 – 19
1730 – 2000	Welcome Reception	1600 – 1800	Oral Session: #4 – 7	1700 – 1800	Panel Session #4: IEEE YP	Oral Session: #11, 13	1600 – 1800	Panel Session #6, SPECS / Oral Session #20	1115 – 1230	NTU Campus Tour



General Co-Chair:

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