

# NEECON 2026 - International Near East Conference on Electrical & Energy Systems

21-23th October 2026

Dubai, United Arab Emirates



جامعة دبي  
UNIVERSITY OF DUBAI



## Scope: Power, Energy and Renewables, Smart Industry and IoT, Artificial Intelligence, Digital Transformation

The International Near East Conference on Electrical & Energy Systems (NEECON) is the IEEE technical sponsored conference and will be held in Dubai, UAE, on 21-23 October 2026, supported by the IEEE PES UAE Chapter.

The NEECON 2026 is an international forum presenting design methodologies, techniques, and experimental results in emerging fields of Electrical Engineering and Energy Systems, including modern smart grid technologies. It will bring the global researchers, engineers and practitioners together, contributing in the advancement of electrical and energy technologies and applications. The technical program will include plenary sessions, regular technical sessions, special sessions, panels, tutorials, and special events devoted to Students and Young Professionals, Women in Engineering, Entrepreneurs, and Industries.



## We invite the submission of original, unpublished technical papers on topics including but not limited to:

- Power generation, transmission, distribution, energy conversion, and storage technologies
- Renewable energy systems and sustainability
- Modern smart grid and microgrid technologies
- Electric vehicle technologies and interactions with the grid
- Resiliency, reliability and protection of power grid
- Energy Management, Smart Metering, and Distributed Energy Resources
- Cyber Security and Failure Analysis for Modern Grids
- Diagnostics, maintenance, risks, reliability, vulnerability in electrical systems
- Smart sensing, condition monitoring and asset management
- Industry 4.0 and IoT: new technologies, trends and opportunities
- Augmented and Virtual Reality in Industrial applications
- Novel Architectures for the Industrial Internet of Things (IIoT)
- Artificial Intelligence and Big Data in Electric and electronics engineering
- Applications of AI in smart industry and IoT
- Advanced Signal and Digital Image Processing
- 5G/6G and Beyond Communication Systems
- Computer Networks and Cloudification
- Smart Living Technologies
- Remote Sensing and Edge-Computing
- Digital Twins and Metaverse

### Organizing Committee

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### Useful Links



[Paper Format Instructions](#)



[Paper Submission](#)



[Industry/ Special Session Info](#)



[Sponsorship Opportunities](#)

### Key Dates and Deadlines

Full Paper Submission	15 June, 2026
Notification of Acceptance	15 July, 2026
Camera-ready submission	30 July, 2026
Panel/Special Session proposals	30 June, 2026
Registration open	01 Aug, 2026

All the accepted and presented papers will be published on IEEE Xplore.

<https://neecon.org/>