

# APPEEC 2022

Towards Net Zero by 2050

## Melbourne, Australia



### IMPORTANT DATES

Paper submission opening

**1<sup>st</sup> April 2022**

Paper submission closing

**1<sup>st</sup> June 2022**

Notification of acceptance

**1<sup>st</sup> September 2022**

Final paper submission

**1<sup>st</sup> October 2022**

The **14th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2022 (APPEEC)** will be held on **20<sup>th</sup> to 23<sup>rd</sup> November 2022** in **Melbourne, Australia** (organised by IEEE PES Victorian chapter). The conference aims to create a knowledge sharing platform for researchers and industry professionals to present and discuss contemporary and emerging technologies.

The conference invites researchers and industry professionals to submit new and original ideas on different aspects of power and energy engineering, which includes but not limited to the following topics:

- Artificial intelligence and machine learning for energy system applications
- Blockchain and transactive energy systems
- Blue and green hydrogen
- Data analytics and cyber security
- Demand response and demand side management
- Diagnostics, condition monitoring and asset management
- Distributed energy resources
- Energy efficiency
- Energy markets and policies
- Energy storages including battery storage systems
- Electrical machines and motor drives
- Electric vehicles
- FACTS and power electronics
- HVDC transmission systems
- Hydrogen fuel cells and hydrogen applications
- IoT and ICT for smart grid
- Medium and low voltage DC system
- Microgrids, community energy and virtual power plants
- Multi energy systems
- Power engineering education
- Power system dynamics, operation, and control
- Power system protection and quality
- Power system reliability
- Renewable energy integration
- Smart grid systems

Authors are invited to submit papers no more than 6-pages in length in double column format in the standard [IEEE PES Conference template](#). The paper submission link will be available in the conference website. All submitted papers will be peer-reviewed by at least two reviewers. The accepted papers presented in the conference, will be submitted to IEEE Xplore Digital Library. Authors of presented papers will be eligible to submit an extended version to IEEE PES journals.

# Call for Special Sessions

## SPECIAL SESSION DEADLINES

Proposal Submission

**1<sup>st</sup> March, 2022**

Proposal Acceptance

Notification

**15<sup>th</sup> March, 2022**

Paper Submission

**1<sup>st</sup> June, 2022**

Paper Acceptance Notification

**1<sup>st</sup> September, 2022**

Final Paper Submission:

**1<sup>st</sup> October, 2022**

APPEEC 2022 will also feature a number of special sessions to highlight current challenges faced by the power and energy sector. Special Session proposal should be on a particular topic related to the theme of the conference. The topic should not be very wide or very narrow and must be covering contemporary issues related to power and energy sectors. It will be the responsibility of the special session organizer (s) to secure 6 accepted papers to run the session. The special session template can be downloaded from the conference homepage or you may get it directly from the special session Chair (s). You are welcome to submit the special session proposal to the special session Chair (s) listed below:

S M Muyeen [sm.muyeen@qu.edu.qa](mailto:sm.muyeen@qu.edu.qa)

MD Rakibuzzaman Shah [m.shah@federation.edu](mailto:m.shah@federation.edu)

Jiefeng Hu [j.hu@federation.edu.au](mailto:j.hu@federation.edu.au)

## APPEEC 2022 Committee Members

### Conference General Chair

Prof Syed Islam

### Conference General Co-chairs

Prof Aman Maung Than Oo

A/Prof Jahangir Hossain

A/Prof Jiefeng Hu

Dr Md Enamul Haque

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### Special Session Chairs

A/Prof Jiefeng Hu

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### Tutorial Chairs

Dr Mohsen Khorasany

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