

# 2023 10th International Conference on Power and Energy Systems Engineering (CPESE 2023)

Sept. 8-10, 2023



## “Sustainable and Resilient Power and Energy Systems”

### Speakers



**Prof. Hassan Bevrani**  
University of Kurdistan, Iran  
Doshisha University, Japan  
(IEEE Fellow)



**Prof. Claudio A. Cañizares**  
University of Waterloo, Canada  
(IEEE Fellow)



**Prof. João P. S. Catalão**  
University of Porto, Portugal  
(IEEE Fellow)



**Prof. Toshifumi Ise**  
Osaka University, Japan  
(IEEJ Fellow)



**Prof. Tsuyoshi FUNAKI**  
Osaka University, Japan



**Prof. Mahdi Jalili**  
RMIT University,  
Australia



**Prof. Musa YILMAZ**  
University of California  
Riverside, USA



**Dr. Yicheng Zhou**  
Waseda University, Japan

### Organizing Committees

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- Claudio A. Cañizares, University of Waterloo, Canada

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Doshisha University, Japan
- Takeyoshi Kato, Nagoya University, Japan

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- Qobad Shafiee, University of Kurdistan, Iran

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- Yicheng Zhou, Waseda University, Japan / Energy and  
Environment and Technology Research Institute, Japan
- Mahdi Jalili, RMIT University, Australia
- Musa Yilmaz, University of California Riverside, USA

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University, Taiwan

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- Miao Yu, Zhejiang University, China

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- Sharara REHIMI, Nagoya University, Japan
- Eri NISHIDA, Nagoya University, Japan

Conference Venue: Nagoya University, hosted by the Institute of Materials and Systems for Sustainability (IMaSS) - Nagoya University, Japan.

### CALL FOR PAPERS

Both theoretical paper and simulation (experimental) results are welcome. Topics of interest include, but are not limited to, the following:

#### Power Systems and Control

- Power system control and stability
- High voltage engineering
- Lightning protection
- Electrical machinery
- Power electronics
- Electric drives
- Power quality
- Industrial power systems

#### Renewable Energy and Energy Storage

- Renewable power generation
- Solar energy
- Wind energy
- Water energy
- Energy conservation
- Energy conversion
- Energy storage systems
- Nuclear Energy

#### Microgrids and Smart Grids

- Smart grid
- Distributed generation
- Microgrids planning and operation
- Microgrid energy management
- Grid-connected converters
- Virtual synchronous generator
- Robust power grids

#### Energy Efficiency and Sustainable Solutions

- Green facilities and industries
- Green telecommunications
- Sustainable energy solutions
- Data-driven modeling and control
- Energy optimization techniques
- Power economics
- Power market deregulation
- Power system planning

#### Power Distribution and Quality

- HV power lines
- Network harmonics
- Power distribution
- Power flow analysis
- Power system design
- Power system operation
- Power system stability and control
- Reliability and security

#### Call for Special Sessions & Workshops

Please submit proposals in pdf format by email to the [cpese@zhconf.ac.cn](mailto:cpese@zhconf.ac.cn)

- Special Sessions Proposals:  
<http://www.cpese.net/special.html>
- Workshop proposal:  
<http://www.cpese.net/workshop.html>



### Conference Proceedings

After a careful reviewing process, accepted papers after proper registration and presentation, will be published in the CPESE 2023 Conference Proceedings, and reviewed by the IEEE Conference Publication Program for IEEE Xplore, Ei Compendex and Scopus.

🔊 CPESE 2023 has been listed on the IEEE conference list!

[https://conferences.ieee.org/conferences\\_events/conferences/conferencedetails/59653](https://conferences.ieee.org/conferences_events/conferences/conferencedetails/59653)

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### Important Dates

Submission Deadline  
**May 30th, 2023**

Notification Day  
**June 25th, 2023**

Registration Deadline  
**July 15th, 2023**

Conference Dates  
**September 8-10, 2023**

### Submission Information

\* **Conference Template:** <http://www.cpese.net/IEEE-Formatting.doc>

\* **Submission Link:** <https://easychair.org/conferences/?conf=cpe2023>

\* **Page Requirements:**

- Each paper should have no less than 4 pages, including figures, tables, references.
- One regular registration is within SIX Pages. Extra pages will be charged

\* For more submission information, please visit at

<http://www.cpese.net/submission.html> or contact [cpese@zhconf.ac.cn](mailto:cpese@zhconf.ac.cn)

