# PH.D. DISSERTATION CHALLENGE CALL FOR PARTICIPATION



## **About Ph.D. Dissertation Challenge**

2023 IEEE IAS Industrial and **Commercial Power System Asia Conference** 

The IEEE IAS I&CPS Asia operation committee is pleased to announce the "Ph.D. Dissertation Challenge in I&CPS" and invites Ph.D. students and recent graduates to participate for the chance to win the Grand Prize of \$3,000.

The competition is aimed at providing an international platform for all Ph.D. researchers in the related fields to present their projects. This award recognizes not just quality research, but also provides a unified platform to share technology innovations and exchange ideas between academia and industry. The presented ideas should demonstrate economy, society, environment or technological advancements in the field of industrial and commercial power system side. The organizing committee has assembled an extraordinary evaluation team comprised of academia and industry experts to review and select finalists and award winner.



# **IMPORTANT DATES**

Application deadline:	April 30, 2023
Finalist Announcement:	May 15, 2023
Onsite Presentation:	July 7-9, 2023

## **CHALLENGE OVERVIEW**

The Ph.D. Dissertation challenge is open to those who meet either of the following criteria:

- Current Ph.D. students who have passed their qualification exams but have not defended their Ph.D. dissertation.
- Recent Ph.D. graduates who will defend their dissertation after July 1, 2023 (proof would be required).

# **SUGGESTED SCOPES**

The Ph.D. dissertation topics shall fit into one of the main categories of I&CPS Asia, including but not limited to subcategories.

## Power System Engineering

Power System Planning Power System Operation Power System Control Power System Protection

## Energy Systems

Multi-energy System Energy Efficiency Low-carbon Energy System Distributed Energy Resources

#### Smart Grid

Microarid Resilient Distribution Network Low-carbon Power System Novel Information Technologies for Smart Grid

#### Renewable Energy Integration

Renewable Energy Development and Integration Evaluation of Renewable Energy High Penetration of Renewable Energy

#### Energy Storage Technologies

**Energy Storage Planning and Operation** Real-time Monitoring of Energy Storage Security Assessment of Energy Storage

## **Application Procedure**

The Ph.D. Dissertation challenge is open to those who meet either of the following criteria:

First Round: Submit the following materials for evaluation to https://iconf.young.ac.cn/pGcQo, The selected finalists in each category will be informed by May 15, 2023, and invited to participate in the on-site 5-Min Challenge.

English Draft of the thesis, dissertation or report (within 2 page); PPT slides (within 10 pages);

CV and the Student ID card;

▶ Second Round: The on-site 5-Min Challenge will take place in a special section of the I&CPS Asia conference. Each candidate will have 5 min to present his work, which is evaluated by the invited reputed experts in Electrical Engineering. One winner will be awarded.

#### Conference Committee

#### **Advisory Committees**

Last names in alphabetical order

- ▶ Weijiang Chen, Academician (Chinese Academy of Engineering), China Electric Power Research Institute
- Licheng Li, Academician (Chinese Academy of Engineering), China Southern Power Grid Company Limited
- An Luo, Academician (Chinese Academy of Engineering), **Hunan University**
- Chengshan Wang, Academician (Chinese Academy of Engineering), Tianjin University

#### **Conference Chairs**

- ▶ Wei-Jen Lee, University of Texas at Arlington
- Ruijin Liao, Chongqing University
- Yi Han, China Electrotechnical Society

#### **Program Committee Vice Chair**

► Sidun Fang, Chongqing University

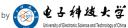
More details could be found at: http://ieee-icps.com/2023/committee.html

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