

IEEE I&CPS ASIA 2023 SPECIAL SESSION ON Smart and Interactive Energy Management for Multi-agent New Types of Power Systems

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IEEE I&CPS
—Asia 2023—

2023 IEEE IAS Industrial and
Commercial Power System Asia Conference

July 7–9, 2023 | Chongqing, China

CONFERENCE INTRODUCTION

Sponsored by IEEE, IEEE IAS, organized by Chongqing University, China Electrotechnical Society, co-organized by University of Electronic Science and Technology of China, Shandong University, North China Electric Power University, Supported by Global Energy Interconnection and DeCarbon. 2023 IEEE IAS Industrial and Commercial Power System Asia (IEEE I&CPS Asia 2023) Conference will be held during July 7–9, 2023 in Chongqing, China.

SPECIAL SESSION ON

Session Title: Smart and Interactive Energy Management for Multi-agent New Types of Power Systems

Special Session Organizer: Dr. Tianguang Lu, Shandong University



Abstract: Driven by the goals of clean energy and zero carbon emissions, the power industry is undergoing significant transformations. The government of China plans to build a new type of power system featuring a gradual increase in the proportion of new energy sources and the large-scale deployment of clean power resources nationwide. The ever-increasing penetration of uncertain inverter-based distributed energy resources (DERs), such as wind and rooftop PV, will inevitably pose a considerable influence on the power system, bringing reliability, economic and resiliency concerns. Hence, it is imperative and essential to improve the comprehensive regulation capability of the power system, accelerate construction of flexible regulation power, guide self-supplied power plants, traditional high-energy industrial loads, industrial and commercial interruptible loads, electric vehicle charging networks and virtual power plants to participate in system regulation, to build a strong smart grid and improve grid security level.

For more details, please visit at <http://iee-icps.com/2023/ss003.html>

PAPER SUBMISSION IMPORTANT DATES:

Submission Deadline: April 15, 2023

Notification Deadline: May 15, 2023

PUBLICATION

Submissions to IEEE I&CPS 2023 will be peer reviewed on the basis of technical quality, relevance to conference topics, originality, significance, clarity, etc. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Excellent papers will be recommended for review by IEEE Trans on Industry Applications (proportion can reach up to 50%), Global Energy Interconnection and DeCarbon.

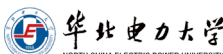
SUBMISSION REQUIREMENTS

- The submission has not been previously published, nor is it before another conference for consideration (or an explanation has been provided in Comments to the Director).
- Prospective authors should prepare a completed final manuscript following IEEE template, with titles and names, affiliations, addresses, and email of all co-authors.
- All submissions should be written in English with a maximum paper length of six (6) printed pages including figures and references without incurring additional page charges (maximum 4 additional pages with over-length page charge for an additional fee, if accepted) in the standard IEEE two-column conference format. The fee for the additional page can be seen here. Papers exceeding 10 pages will not be accepted.

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