

IEEE I&CPS ASIA 2023 SPECIAL SESSION ON

Joint Planning and Operation of Energy–transportation Integration System

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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: Joint Planning and Operation of Energy–transportation Integration System

Special Session Organizer: Dr. Qian Zhang, Chongqing University

Dr. Zhaohao Ding, North China Electric Power University



Abstract: The construction of new power system with non-carbon energy sources and the development of a zero-emission low-carbon transportation system are important measures to achieve China's "3060 dual-carbon" goal. Multi-energy coupling provides an effective way to enhance the flexibility of power system and promote the consumption of renewable energy. Cooperative dispatching of different energy sources through multi-energy coupling can make full use of the complementary and synergistic effects of each energy source and realize the optimal allocation of resources on a larger scale. New energy vehicles can not only reduce carbon emissions, but also serve as an effective dispatching resource for the interaction of "source-network-load-storage", and participate in large-scale renewable energy consumption. The electricity-hydrogen integrated system with new energy vehicles can effectively tap the potential of renewable energy consumption of the electric power system, transportation system and hydrogen energy system, and promote the decarbonization of the energy-transportation system.

For more details, please visit at <http://iee-icps.com/2023/ss004.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.

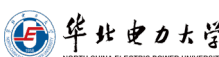
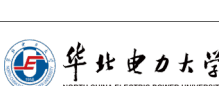
SUBMISSION REQUIREMENTS

- 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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