

IEEE I&CPS Asia 2021

2021 IEEE IAS Industrial and Commercial Power System Asia

Sponsored by IEEE, IEEE IAS, and organized by University of Electronic Science and Technology of China, 2nd IEEE Industrial & Commercial Power System Asia (IEEE I&CPS Asia 2021) Conference will be held during July 18–21, 2021 in Chengdu, China.

IEEE I&CPS Asia 2021 will focus on "Smart Energy Empowers Low Carbon Future". It aims to provide a high quality platform for researchers, practitioners, professionals, and students from all over the world to present their latest research findings, ideas, and applications in the related fields of Power Systems. Featured with keynote session, technical session, tutorial session and special session, IEEE I&CPS Asia 2021 will provide the delegates an unparalleled opportunity to exchange with qualified professionals and build future partnership.

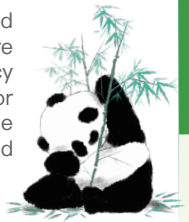
The IEEE–IAS I&CPS Department invites you to submit papers for 2nd IEEE I&CPS Asia Conference.

JULY 18–21, 2021 | CHENGDU, CHINA



Special Session on Energy–Transportation Nexus towards Low Carbon Future

Facing the carbon–neutral target in 2060, transportation electrification has drawn more and more attention in both industrial and academic sectors. Considering the unique flexible operation characteristics of electrified transportation system, it becomes more and more critical to coordinate the operation and planning of energy and transportation systems to enhance the energy efficiency and reduce the carbon emission as an integrated system. The increasing energy demand from electrified transportation sector shall not only be met through renewable energy, but also provide flexibility to support the integration of intermittent renewable power generation. Meanwhile, the power grid shall address the opportunities and needs for the integration of large scale EVs and related emerging technologies.



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IMPORTANT DATES

Submission Deadline	May 01, 2021
Notification Deadline	June 01, 2021

SPECIAL SESSION ORGANIZERS

Dr. Zechun Hu	Tsinghua University
Dr. Zhaohao Ding	North China Electric Power University

TECHNICAL OUTLINE OF THE SESSION

This special session focuses on the energy–transportation nexus towards low–carbon future. The objective of this special session is to identify, address and disseminate state–of–the–art research works that optimize the operation and planning of energy and transportation system and improve social welfare towards low carbon future. Topics of interest include (but are not limit to): low carbon operation for electric vehicle charging and battery swapping facilities, infrastructure planning for transportation electrification, charging demand navigation schemes, and other emerging technologies that enable convenient use of electric vehicles and efficient dispatch of energy as needed.

CONTACT DETAIL

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PUBLICATION

Accepted full papers of IEEE I&CPS Asia 2021 will be published in conference proceedings by IEEE, submitted to IEEE Xplore, and indexed by EI and Scopus.

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

PAPER SUBMISSION

Paper Submission link:

<https://easychair.org/my/conference?conf=ieeeicpsaia2021>

Up to 50% of the accepted papers will be eligible for IAS journal review and all of the accepted papers are needed for presentation at IEEE I&CPS Asia 2021 by 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.