

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 Low-carbon Oriented Advanced Techniques for Power Systems Planning

Developing renewable energy vigorously is an inevitable choice for realizing low-carbon power systems. However, the randomness, intermittence and fluctuation of renewable energy, as well as its low inertia characteristics as power sources, have brought great challenges to the safe and reliable power supply. Power systems planning, as the top-level design, plays an important role in reducing carbon emissions. Therefore, it is necessary to introduce low-carbon oriented advanced techniques for power systems planning considering the characteristics of low-carbon power systems with an objective of realizing the goal of energy conservation and carbon emissions reductions.



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IMPORTANT DATES

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

SPECIAL SESSION ORGANIZERS

Heng Zhang	Shanghai Jiao Tong University
Shenxi Zhang	Shanghai Jiao Tong University
Yue Xiang	Sichuan University

TECHNICAL OUTLINE OF THE SESSION

This special session focuses on a hot research topic: low-carbon power systems. At present, many countries all over the world have reached a broad consensus on carbon emission reduction policy, and China will peak its carbon emissions by 2030 and become 'carbon-neutral' by 2060. As an important tool to achieve the above-mentioned goals, the low-carbon power system has drawn significant attention from both academia and industry. In this sense, low-carbon oriented advanced techniques for power systems planning are strongly encouraged in this special session. By optimizing the size and location of power system equipments, carbon emissions can be reduced efficiently on the premise of ensuring the system safety. Topics of interest include (but are not limit to): generation expansion planning, transmission expansion planning, coordinated generation and transmission expansion planning, distribution expansion planning, energy storage systems planning, integrated energy system planning.

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=ieeEICPSAsia2021>

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.

CONTACT DETAIL

📞 Tinny Lee	☎ Tel: (86) 28 87 555 888
✉ Email: icpsasia@yaang.cn	☎ Mob: (86) 135 4138 2102