

Message from General Co-Chair

Welcome to the **2023 IEEE PES 15th Asia-Pacific Power and Energy Engineering Conference (APPEEC 2023)**. The conference will be held on 6th - 9th December 2023 in Chiang Mai, Thailand. The theme of the conference is *"Transition towards Carbon Neutrality, Sustainability and Flexibility for Future Energy"*.



APPEEC 2023 is the premier international forum to present and discuss progress in research, development and applications of the topics related to power and energy engineering. Hosting by the IEEE Power & Energy Society and Thailand Chapter, APPEEC 2023 is a collaborative effort between the Electricity Generating Authority of Thailand (EGAT), the Metropolitan Electricity Authority (MEA), the Provincial Electricity Authority (PEA), the PTT Public Company Limited, the Electrical Engineering Academic Association (Thailand), EEAAT, and the Faculty of Engineering at Chiang Mai University (CMU).

This year conference imbued with tradition, serves as a global platform for presentation of contemporary and emerging technological advancements and fascinating research findings in engineering, and innovations with a particular focus on the field of electrical engineering. In our contemporary, knowledge-driven, and innovation-centric society, the capacity of researchers to create, disseminate and apply knowledge to forge new horizons stands paramount.

On behalf of the APPEEC2023 general co-chairs, we extend our profound gratitude to all the dedicated organizations and their diligent staff members who have poured their hearts and souls into ensuring the resounding success of APPEEC 2023. They have all worked extremely hard for details of important aspects of the conference programs and social activities. This accomplishment is the result of the concerted efforts of a vast number of colleagues within the organizing team. We wish to express our gratitude for your hard work and commitment towards making APPEEC 2023 a success.

Finally, we would like to express our sincere thanks to all the authors and attendees for their quality contributions. We hope you enjoy the environment of the APPEEC2023 and find the conference fruitful.

APPEEC 2023 General Co-Chair

Thongchai Fongsamootr - Dean, Faculty of Engineering, Chiang Mai University