

The 13th International Electrical Engineering Congress

March 5 - 7, 2025

Sheraton Hua Hin Resort and Spa, Hua Hin, Thailand



# **CALL FOR PAPERS: Carbon Neutrality - Challenges and Solutions**

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## COMMUNICATIONS

Communication Theory, Antennas and Propagation, Optical Communications, Microwaves, Wireless Communications, Signal Processing for Communication, Channel Coding, Multimedia Communication, Remote Sensing and Applications, Metamaterials, etc.

### **COMPUTER & IT**

Computer Networks, Cloud Communication and Networking, Data Mining, Artificial Intelligence, Computational Theory, Information System, High Performance Computing, Computer Security, Software Engineering, Distributed and Parallel Computing, Web Services and Internet Computing, Multi-agent Systems, Human Computer Interaction, Internet of Thing (IoT) etc.

**Major Conference Areas** 

**ELECTRONICS & CONTROL** Analog Circuits, Filters and Data Conversion, Analog and Mixed Signal Processing, Embedded Computer System, Robotics, VLSI Design, Biomedical Electronics, Industrial Electronics and Automation, Adaptive Control, Electric Circuit Technology, Fault Tolerance and Detection, Semiconductor Materials, Magnetic Materials, Themoelectric Materials & Devices, Sensor, Organic Electronics and Printed Electronic etc.

## INDUSTRIAL TECHNOLOGY

Applied Sciences, Technology Management, Digital Businesses, Engineering, Innovation, Industrial Education, Asefa Technology etc.

## DIGITAL SIGNAL PROCESSING

Image and Video Processing, Audio and Speech Processing, Pattern Recognition, Biomedical Signal Processing, Machine Learning for Signal Processing, Sensors, Non-destructive Testing and Evaluation, etc.

## **POWER & ENERGY**

Smart Grid Technology, Planning, Management Operation, and Control; Electric Power Systems : Generation Transmission and Distribution, Electrical Machines, Energy Conversions, Renewable Energy Sources, Power Electronics, Energy Systems, Power Quality, High Voltage Engineering, Insulation and Materials, Piezoelectric Ceramic and Thin Films, Energy Storage Designs, Advanced Charecterization and Properties of Ferroelectric Materials, etc.

# **Special Tracks to Carbon Neutrality**

Track 1: Renewable Energy Technologies and Solutions

Track 2: Energy-Efficient Computing and Data Centers

**Track 3: Green Communication Networks** 

Track 4: Smart Grids and Energy Management Systems

**Track 5: Carbon-Neutral Transportation Systems** 

Track 6: Circular Econoc and E-Waste Management

Track 7: Blockchain and Decentralized Energy Systems

Track 8: Artificial Intelligence for Sustainability

Track 9: Community Engagement and Social Impact

Track 10: Policy/Regulatory Frameworks for Sustainability

Track 11: Education and Capacity Building for Sustainability

Track 12: Cross-Sector Collaboration and Partnerships

## **IMPORTANT DATES**

> October 1, 2024

Deadline for full paper submission

> December 1, 2024

Notification of acceptance

> January 15, 2025

Camera-ready submission

> January 15, 2025

Early-bird registration

## **Paper Submission**

1) Authors are invited to submit original full papers in English. Papers 4-6 pages in standard IEEE two-column format only, reporting their original work and results, applications, and/or implementation in one or more of the listed areas. Accepted regular papers will be published in the proceeding and will be submitted for inclusion in the IEEE Xplore Digital Library (in the process of application). Acceptance will be based on quality, relevance, and originality.

2) Papers must be submitted only through the submission system of the conference website.

3) At least one author of each accepted paper MUST register and present the paper at the conference for the paper to be included in the program.

For more information, please contact,

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