2025 iEECON Carbon Neutrality

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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Major Conference Areas

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.

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

Full Paper Submission Deadline
> **December 15, 2024**
(Final Extended Deadline!!)
Notification of Acceptance
> **January 1-15, 2025**
Camera-ready Submission Deadline
> **January 31, 2025**
Early-bird Registration Date
> **January 1-31, 2025**
GMT+7

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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