

CALL FOR PAPERS : Carbon Neutrality – Challenges and Solutions

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Major Conference Areas

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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, Thermolectric 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.

IMPORTANT DATES

Full Paper Submission Deadline

> **December 15, 2024**

(Final Extended Deadline!!)

Notification of Acceptance

> **December 30, 2024**

Camera-ready Submission Deadline

> **January 31, 2025**

Early-bird Registration Date

> **January 1-31, 2025**

GMT+7

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

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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