

PCEMS-2024

3rd International Conference on Paradigm Shifts in Communication, Embedded Systems, Machine Learning and Signal Processing

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Springer



November 11-12, 2024

CALL FOR

About PCEMS 2024

Pioneered by the Department of Electronics & Communication Engineering at VNIT, PCEMS is dedicated to fostering a dynamic platform for researchers to showcase groundbreaking advancements in communication, embedded systems, machine learning, and signal processing. We welcome submissions of high-quality, original research papers for presentation at the conference. Interested researchers are encouraged to submit their full-length contributions in the specified tracks or any other related thematic areas of PCEMS 2024. All submissions that are accepted, registered and presented in the conference will be published by Scopus Indexed - Springer in Communications in Computer and Information Science series. CCIS is abstracted/ indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, Scopus. CCIS volumes are also submitted for the inclusion in ISI Proceedings.

The complete proceedings of PCEMS 2023 can be found here:
<https://ieeexplore.ieee.org/xpl/conhome/10135544/proceeding>

Tracks

PCEMS'24 invites papers across a wide array of areas, including but not limited to :

Communication

5G and Beyond Communications, Channel Modelling and Performance, Optical Fibre and Photonic Communication, Localization Techniques in 5G, Radio issues in wireless sensor networks, Vehicle to Anything (V2X) communication, Intelligent Reflecting Surfaces, Antennas / RF / Microwave/ EMI/ EMC, Molecular and Biological Communication, Protocols and Standards, Spectrum Sharing and Management

Signal and Image Processing

3D Image / Video Processing, Image Enhancement / Super Resolution / Restoration, Action and Event Detection/ Recognition, Medical Image & Video Analysis, Remote Sensing, Hyperspectral Image Processing, Speech Signal Processing, Computational Imaging, Image / Video Encryption, Image / Video Compression, Satellite Image Processing, Document Image Analysis, Image / Video Retrieval

Embedded, VLSI and IoT Systems

Intelligent Sensor Networks for Monitoring / Diagnosis / On Body, Sensor Networks in Automotive, IoT and Applications, Security issues in IoT, Flexible Electronics, E mobility

AI and Machine Learning

Motion & Tracking, Video Surveillance, AI in Healthcare, Pattern Recognition, Computer-Aided Diagnosis, Machine Learning for Localization, Human Activity Detection and Recognition, Human Computer Interaction, Medical Image Reconstruction, Generative AI for Computer Vision, Explainable AI, AI for IoT

Submission

All papers must be electronically submitted prior to the deadline through the PCEMS2024 Microsoft Research paper submission portal, available at the following link.

Link : <https://cmt3.research.microsoft.com/PCEMS2024>

Authors should prepare their manuscripts of 12-15 pages. The manuscript must be submitted in pdf format only and the file size of your manuscript should not exceed 10 MB as per guidelines of Springer

Link : <http://springer.com/gp/computer-science/incs/conference-proceedings-guidelines>

For additional information and author guidelines, kindly visit the PCEMS website.

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Important Dates

Paper Submission Starts	January 22, 2024
Paper Submission Deadline	June 30, 2024
Notification of Paper Acceptance	August 30, 2024
Camera Ready Submission Deadline	September 30, 2024
Conference Dates	November 11-12, 2024

Organized by :
Department of Electronics & Communication Engineering
VITESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR