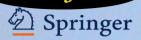
8th International Conference on

Micro-Electronics, Electromagnetics and Telecommunications



(ICMPET 2023)



06th - 07th October 2023

Organised By

Department of Electronics and Communication Engineering National Institute of Technology Mizoram, India

(Confirmed Springer Proceedings: Lecture Notes in Electrical Engineering)

About the Conference

The International Conference on Micro-Electronics Electromagnetics and Telecommunications is organized so far in various parts of the country for five times successfully. The proceedings of the previous six versions of the conference are published in Lecture Notes in Electrical Engineering (LNEE) series of Springer Inc. All the papers published with ICMEET are indexed by El Compendex and Scopus databases.

The 8th ICMEET is an international colloquium, which aims to bring together academic scientists, researchers and research scholars to discuss the recent developments and future trends in the fields of microelectronics, electromagnetics and telecommunication. Microelectronics research investigates semiconductor materials and device physics for developing electronic devices and integrated circuits with data/energy efficient performance in terms of speed, power consumption, and functionality. The books published so far with the title ICMEET in LNEE, discussed various topics like analog, digital and mixed signal circuits, bio-medical circuits and systems, RF circuit design, microwave and millimeter wave circuits, green circuits and systems, analog and digital signal processing, nano electronics and giga scale systems, VLSI circuits and systems, SoC and NoC, MEMS and NEMS, VLSI digital signal processing, wireless communications, cognitive radio, and data communication.

Publication

Submitted papers will be reviewed thoroughly by the area experts and thereafter, satisfactorily modified papers according to the reviewer comments on acceptance are expected to be presented at the conference. The accepted and presented papers will be published in the ICMEET Conference Proceedings which will be submitted for Scopus Indexing through Springer publications in Lecture Notes in Electrical Engineering (LNEE).

Selected papers presented in the tracks may be selected for further modification and extension with around 70% extra work and will be sent for possible consideration of publication in SCI journals or Scopus Indexed journals or Scopus book chapters. But, in all the above cases the selected papers will be further reviewed as per the journals/books criteria and guidelines, wherein the conference authorities have no control whatsoever.

Tracks and Topics

Research manuscripts and proposals are invited in the following topics (but not limited to)

Track I Nanoelectronics and VLSI

RF Circuit Design Analog, Digital and Mixed Signal Circuits Semiconductor Device modelling Nano-electronics and microelectronics VLSI devices Circuits and Systems Compound Semiconductors Organic electronic devices and systems SoC and MEMS and NEMS Advanced VLSI Systems Bio-electronic devices and systems Bio-medical Circuits and Systems **Plasmonics**

Flexible and Wearable Devices and Systems Smart Material and Metamaterial Electrochromism Communications Quantum Computing and Green Nanotechnology RF Energy Harvesting

Track II Antenna and Electromagnetics

Computational Electromagnetics Planar Antennas, Reflectarrays and transmitarrays Wideband and UWB antennas Multiband and multifunctional antennas Tunable and Reconfigurable Antennas Smart Antenna Design Fractal Antenna RFID antennas/sensors and systems Wearable and implantable antennas MIMO and Massive MIMO Mm-wave, THz and UWB propagation Metamaterials, artificial materials, and metasurfaces Antenna Systems for 5G and Beyond RF and Microwave Circuits for Next Generation

Electric Machines and Drives Power Electronics

High Voltage Engineering Power Distribution Power Systems Renewable Energy Smart Grid Electric Vehicles Solar Cell

Energy Harvesting Advance Vehicle Control

Electric Vehicles and Energy Systems Communication and Signal Processing

ICMEET 2023

https://icmeet.in/

https://icmeet2023.edas.info/

Broad Band Communication Computer and Intelligent Communication LiFi, Mobile and Optical Networks GPS and GNSS Mobile and Optical Communication Wireless Communication Optical Communications and Networks Data Communications Bio-inspired techniques for communications Intelligent Signal Processing Audio & Speech Processing Bio Medical Image Processing Artificial Neural Networks Analog and Digital Signal Processing Wireless Sensor Networks Internet of Things and Security **Network Security**

Important Dates

Submission of Full Manuscripts: 31 July 2023 Notification of Acceptance : 20 August 2023

Registration & CRC Submission: 31 August 2023

Conference Date: 06 - 07 October 2023 (Physical Mode: 06 Oct 2023 & Virtual Mode: 07 Oct 2023)

Patron

Prof. S. Sundar, Director, NIT Mizoram

Contact Details

Website: https://icmeet.in/ Email: icmeet.in@gmail.com

Registration Fees

CATEGORY Indian/Abroad Industry Experts (Physical Mode) ₹12,000/\$300 Industry Experts (Virtual Mode) ₹10,000/\$250 ₹10,000/\$250 Students & Academicians (Physical Mode) Students & Academicians (Virtual Mode) ₹8,000/\$200 One Additional Manuscript only) (Physical Mode) ₹8,000/\$200 One Additional Manuscript only) (Virtual Mode) ₹6,000/\$150 ₹6,000/\$150 Listener/Attendee (Non-Author) (Physical Mode) ₹4,000/\$100 Listener/Attendee (Non-Author) (Physical Mode)

Organising Chairs

Dr. Rudra Sankar Dhar, Dept. of ECE, NIT Mizoram Dr. Anumoy Ghosh, Dept. of ECE, NIT Mizoram

Paper Submission Link

https://icmeet2023.edas.info/