



NUST
SCHOOL OF ELECTRICAL
ENGINEERING & COMPUTER
SCIENCE (SEecs)

2nd International Conference on MICROWAVE, ANTENNAS & CIRCUITS (ICMAC 2025)

16-17 APRIL 2025 , ISLAMABAD , PAKISTAN

Submission Portal will be available by

15th September 2024

Accepted papers will be submitted for possible inclusion into **IEEE Xplore** subject to meeting IEEE Xplore's scope and quality requirements.

IMPORTANT DATES

Full Paper Submission: 30 Oct 2024, 23:59 PST

Notification of Acceptance: 15 Dec 2024, 23:59 PST

Final Paper Submission: 10 January 2025, 23:59

<https://icmac.seecs.edu.pk/>



CALL FOR PAPER

The 2nd International Conference on Microwave, Antennas & Circuits (ICMAC 2025) represents a unique and unprecedented opportunity to bring together researchers and experts from the RF & Microwave field to share their recent work in a beautiful and vibrant city located in the heart of the Himalayas. ICMAC 2025, organized by the School of Electrical Engineering and Computer Science (SEecs) at the National University of Sciences and Technology (NUST), will be held in Islamabad, Pakistan, from April 16-17, 2025. The conference will feature keynotes, invited and contributed research papers, and student paper awards. The social program will include a visit to the city center and a conference gala dinner.

BEST PAPER AWARDS

Best paper award(s) will be presented to the winner(s) at the conference. The committee will judge the papers primarily on originality, significance, presentation, technical soundness, and reviewers' reports. To qualify for the Best Paper Award, the first author must be the presenter at the conference.

PRE CONFERENCE WORKSHOPS

THREE MINUTE THESIS COMPETITION

GENERAL TOPICS

Perspective authors are invited to submit papers in all areas of microwave, antennas and circuits including but not limited to:

Microwave Devices, Components, and Systems

- Planar Active and Passive Components, Planar Filters, Couplers, Dividers, Transmission-line structures, Mixers, Low Noise Amplifiers, Power Amplifiers.
- Non-Planar Active and Passive Components, Metamaterials, Metasurfaces, Frequency Selective Surfaces, and Electromagnetic Bandgap Structures.
- Microwave, Millimetre-wave Components, Sub-systems and Systems.
- Microwave Bio-medical Applications, Wireless Power Transfer and Energy Harvesting.
- Front-End and Transceiver Modules, Radar Systems and Sub-systems.

Antennas and Propagation

- Microstrip Antennas, On-chip Antennas, Broadband and Multi-band Antennas.
- Smart Antennas, MIMO Antennas, Reconfigurable Antennas, Metamaterial based Antennas, Reflectarray, Transmitarray, and Phased Array Antennas, Wearable and Implantable Antennas, Integrated Antennas.
- Digital Beam-Forming and MIMO Antennas for Future Communication Systems.

Circuits

- Digital, Mixed-signal, Analog & RF Integrated Circuits, Power management ICs.
- Frequency Generation, Conversion and Control Circuits (mixer, oscillator, switch, etc.),
- Phase Lock Loop and Frequency Synthesizers, Frequency Dividers.
- Low Noise Circuits and Modules, Microwave Photonic Components and Circuits,
- Sensor Read-out Circuits, Imaging Integrated Circuit.

Photonics Circuits and Systems:

- Computational Modeling and Simulation
- Metasurfaces and Metaoptics
- AI for Photonics and Medical Imaging
- Optics in Health Care and Biomedical Optics

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