

1ST IEEE - INTERNATIONAL CONFERENCE ON



MICROWAVE, ANTENNA AND COMMUNICATION

MAC2023



MNNIT Allahabad, India

In Technical Collaboration with

Université de Sherbrooke, Canada &

Benedict College, Columbia, USA

March 24-26, 2023

CALL FOR PAPERS

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The 1st IEEE International Conference on Microwave, Antenna and Communication"- MAC 2023 will be held in Offline/Hybrid mode at MNNIT Allahabad in Sangam city- Prayagraj, U.P., India, during March 24-26, 2023.

The conference aims to offer a platform for researchers, academicians and individuals in the industry and startups to showcase their research innovations, knowledge and vision.

MAC 2023 will include focused track on Young Professionals, Women in Engineering and SIGHT along with technical sessions on recent developments.

The technical sessions will have four tracks covering recent and emerging research topics in the fields of Microwave, Antenna and Communication. Every track will have the following events- a) Paper presentations and best paper awards b) Key Note Lectures c) Special Sessions d) Panel Discussions and e) Technical/Industrial Workshops.

Organised in Offline/Hybrid Mode at:

Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India (211004)

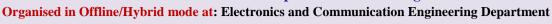




1ST IEEE - INTERNATIONAL CONFERENCE ON **MICROWAVE, ANTENNA AND COMMUNICATION**

(MARCH 24-26, 2023)

Conference Website: https://www.ieeemac.org



MNNIT Allahabad, Prayagraj, U.P. India In Technical Collaboration with

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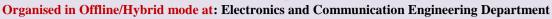




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All accepted & presented papers of the Conference by duly registered authors, will be submitted to IEEE Xplore Digital Library for Possible Publication.

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The conference will be conducted in Offline/Hybrid Mode

IMPORTANT DATES

| Paper Submission Starts | September 5, 2022 |
|---------------------------|-------------------|
| Paper Submission Deadline | November 22, 2022 |
| Acceptance Notification | January 23, 2023 |
| Start of Registration | January 23, 2023 |

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| | Category | Indian Delegates | Foreign Delegates |
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- IEEE Young Professional (YP)
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TRACKS

The Topics of interest include but are not limited to-

Microwave Engineering: Microwave Materials, Circuits, Systems and Applications, Power Amplifier and Circuits, Micro Machined Transformation Lines and Wave Guides, Microwave Device Modelling, Active and Passive Microwave Components, Meta-Materials and Meta Surfaces, Multiband, Broadband Tunable and Reconfigurable Filters, Frequency Selective Surfaces, Filters and Multiplexers, Wireless Power Transfer, Microwave Sensors, Microwave Imaging, High Power Microwave and Microwave Tubes, RF Energy Harvesting and Applications, Slotted and Leaky Wave guides.

Antenna Design: Millimeter Wave, THz Technologies and Systems, Antenna Measurements, Interactions and Coupling, Active, Adaptive and Reconfigurable Antennas, Antennas Array Analysis and Synthesis, Broadband and Multi Band Antenna, HF,VF Antennas and Optical Nano Antenna, Integrated Antenna, Smart Antenna and Digital Beam Forming, Dielectric Resonator Antenna, Antenna Design for Biomedical Applications (Implantable, Wearable etc.), RFID Antenna/Sensors and Systems, Conformal Antenna/Filtenna, MIMO Antenna, RF sensors, Multiband and Wideband Antenna, Antenna for Cubesat, Satellite and Ground Station Applications, Underwater Antenna Design, Phase Array and Beam forming Antenna.

Communication Systems: Space Applications/Satellite Communication, UWB Communication System, Wireless Sensor Networks and Applications, 5G and 6G Wireless Technology, Communication Theory, Communication Networks and Signal Processing, Wireless and Optical Communications, Quantum Communication and Computing, Sensor Networks and Body Area Networks, RADAR Communication, Data Communication Network, Cognitive Radio.

Emerging Technologies and Systems: Machine Learning and AI Technologies, VLSI for communication, GaN HEMT devices, Medical Image Processing, Magnetic Induction (MI) based Communications, MIMO Techniques, Underwater Wireless Communication, Underwater Sensors & Modern Sensor System, IOT Technologies, Energy Harvesting, Green Communication, Molecular Communication.

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