



IEEE MTT-S and IEEE AP-S have come together to sponsor the second edition of the International Microwave and Antennas Symposium (IMAS2024) taking place in Marrakech, Morocco on October 21-24, 2024. IMAS'24 is technically sponsored by Moroccan School of Engineering Science and Abdelmalek University in Morocco. This conference aims to provide an ideal place for the exchange of scientific and technical information, at both academic and industrial levels, and to foster collaboration and cooperation in the microwaves, and antennas & propagation in Africa and across the world. IMAS2024 will consist of contributed and invited papers that will shed light on the

CONFERENCE TOPICS

Include but not limited to:

Propagation

- P01 Tropospheric propagation
- P02 Outdoor/ indoor/ urban propagation
- P03 Satellite propagation modeling
- P04 Multi-link MIMO and cooperative channels
- P05 Vehicle-to-vehicle and vehicle-to-infrastructure channels
- P06 Channel-sounding and channel-estimation techniques
- P07 Millimeter- and Sub-millimeter- wave propagation
- P08 UWB propagation
- P09 Body-centric propagation
- P10 Other advanced propagation topics

Measurements

- M01 Measurement of radar scattering and radar calibration techniques
- M02 Advances in near-field, far-field, compact and RCS test ranges
- M03 EMI/EMC/PIM chamber design, measurements and instrumentation
- M04 Other advanced measurement topics

RF/Microwave Circuits and Systems Optics

- R01 Semiconductor devices and component modeling for RF applications
- R02 Monolithic and hybrid integrated active circuits
- R03 Monolithic and hybrid passive components and circuits
- R04 Receiver and transmitter RF
- R05 Novel waveguides and new phenomena in waveguides
- R06 RF packaging and package modeling
- R07 RFID systems
- R08 RF MEMES, MOEMS and Microsystems
- R09 Electronic warfare
- R10 Emerging areas including nanotechnology and biomedical applications
- R11 Wireless and cellular architectures, components, and circuits
- R12 Wireless sensor network and its applications in internet of things (IoT)
- R13 Wireless power transfer techniques
- R14 Optical/fiber techniques
- R15 Military applications of RF/Microwaves
- R16 Other advanced RF techniques

current state of the art and highlight the latest development and innovations in diverse topics related to antennas and propagation, microwave circuits, photonics and measurements, and their diverse applications including those targeting sustainable development. IMAS2024 will include technical sessions, poster sessions, special sessions, invited talks, workshops, tutorials, banquet and social events. Contributions from industry, universities, research centers and other institutions are welcome workshops, tutorials, banquet and social events. Contributions from industry, universities, research centers and other institutions are welcome !

Antennas

- A01 Electromagnetic theory and numerical front-end techniques
- A02 Antenna interactions and coupling
- A03 Antenna systems and architectures
- A04 Imaging, scattering, diffraction
- A05 Small antennas, RF sensors and wearable antennas
- A06 Array antennas, beam-forming, reflect arrays and transmit arrays
- A07 Adaptive and reconfigurable antennas
- A08 active and integrated antennas
- A09 MIMO, antenna diversity, smart and signal processing antennas
- A10 Lens antennas and radomes
- A11 Advanced RF materials, metamaterials, selective surfaces and EBG
- A12 Millimeter-wave, submillimeter-wave and THz antennas
- A13 High-power antennas
- A14 Nano antennas
- A15 Other advanced antenna topics

Photonics & THz

- P01 Optical networks and systems
- P02 Fiber optics devices and subsystems
- P03 Detection, sensing, and energy
- P04 Biophotonics and medical optics
- P05 Circuits and systems for THz applications
- P06 Other advanced photonics topics

IMPORTANT DEADLINES "Final Extension"

Special sessions / tutorials Proposals: July 20, 2024

Paper submission: July 20, 2024

Notification of paper acceptance: August 20, 2024

Camera-ready paper submission: September 20, 2024

Early registration: September 20, 2024

Please refer to the website for submission instructions and further details: www.imas2024.org

CONTACTS: Mohamed Essaaidi, EMSI, Morocco (essaaidi@ieee.org)
Othman El Mrabet, UAE, Morocco (oelmrabet@uae.ac.ma)