

CALL FOR PAPERS

ORGANIZERS

GENERAL CHAIRS

Alexandre Jean René Serres
University of Campina Grande, Campina
Grande, Brazil

Anthony Ghiotto
Bordeaux-INP, Bordeaux, France

TECHNICAL PROGRAM CHAIRS

Antonio Luiz Pereira de Siqueira
Campos
University of Rio Grande do Norte, Brazil

Alfredo Gomes Neto
Federal Institute of Paraíba, Brazil

Arismar Cerqueira Sodre Junior
National Institute of Telecommunications,
Brazil

Laila Marzall
University of Colorado Boulder, USA



9-12 NOVEMBER, 2025

CAMPINA GRANDE - PARAIBA - BRAZIL

The 21st SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference (IMOC) is an international event held in collaboration between the Brazilian Microwave and Optoelectronics Society (SBMO), the IEEE Microwave Theory and Techniques Society (MTT-S) and the IEEE Antennas and Propagation Society (AP-S). The conference focuses on the latest advancements in microwave, optoelectronics, and related technologies, covering topics such as wireless communications, radar systems, antennas, optical fibers, photonics, and emerging applications like IoT and 5G.

TOPICS FOR IMOC 2025 INCLUDE

- Antennas and Antenna Arrays
- Adaptive Antennas
- Propagation
- Microwave Devices and Circuits
- Microelectronics for Radio Frequency
- FSS and Intelligent Reflecting Surfaces (IRS)
- Metamaterials, Periodic Structures, and Nanostructures
- Electromagnetic Compatibility and Interference
- Electromagnetic Theory - Numerical Methods in Electromagnetics (CEM)
- Millimeter and Submillimeter Waves
- Software-Defined Radio - Modeling, Simulation, and Characterization of Mobile Radio Channels
- Mobile Communication Systems
- Internet of Things (IoT)
- Coherent Optical Communications
- Optical Amplifiers and Network
- Optical Devices and Circuits
- Free-Space Optics
- Photonic Integrated Circuits
- Radio over Fiber and Microwave Photonics
- Artificial Intelligence Applied to Telecommunications
- Applied Signal Processing
- Microwave Sensors
- Optical Sensors and Devices
- Education in Antennas, Microwaves, and Optoelectronics Engineering - Historical Aspects of Microwaves and Optoelectronics in Brazil
- Military Applications in Microwaves and Optoelectronics
- Other Propagation Topics
- Other Antenna Topics
- Other Optical Topics

In addition to regular papers, several activities are planned to enrich the conference experience at IMOC 2025, including Equipment and Services Exhibitions, Plenary Sessions, Mini-Courses, Prototype Fairs, Technical Sessions, Poster Sessions, Women in Microwaves and Young Professional Sessions, creating spaces for networking and promoting diversity in the field. To encourage student engagement, a Student Competition will be organized, including an innovative challenge inspired by the "My Thesis in 3 Minutes" format, where participants will present their research in Portuguese. Accepted and presented papers will be submitted for inclusion in the IEEE Xplore digital library.

Visit the conference website as well as LinkedIn and Instagram pages for each specific call and additional news.

IMPORTANT DATES

NOVEMBER 9 TO 12, 2025

Conference Dates

MARCH 8, 2025

Submissions Start On

JULY 4, 2025

(Firm) Deadline for Paper Submission

JULY 19, 2025

Deadline for Short Course Proposal Submissions

AUGUST 14, 2025

Notification Of Acceptance/
Rejection To Author

SEPTEMBER 25, 2025

Final Version of Accepted
Papers



[www.linkedin.com/in/
imoc-campina-grande-](https://www.linkedin.com/in/imoc-campina-grande-)



[imoc2025](https://www.instagram.com/imoc2025)