

### February 22-25, 2026 - Natal, Brazil

#### THE CONFERENCE

Following the success of the inaugural IEEE AP-S Latin American Conference on Antennas and Propagation (LACAP), the second edition continues to strengthen regional collaboration and visibility in this vital field. Latin America, with its diversity and growing research capacity, is uniquely positioned to address both local and global challenges in antenna and propagation technologies. LACAP 2026 aims to foster knowledge exchange, promote interdisciplinary research, and support innovation through a dynamic forum that brings together experts, researchers, and students. The conference also encourages the participation of young professionals and underrepresented groups, reinforcing IEEE's commitment to inclusivity and education. By connecting academic and industrial communities, LACAP enhances international cooperation and builds lasting networks that support long-term scientific and technological development. This second edition of LACAP will further empower the Latin American scientific ecosystem and contribute to the advancement of antenna and propagation research worldwide.



#### Natal

Located on Brazil's northeastern coast, **Natal**, the capital of Rio Grande do Norte, is a captivating city known for its stunning natural landscapes, historical landmarks, and welcoming atmosphere. Often referred to as the "City of the Sun," Natal boasts some of the most beautiful urban beaches in Brazil, including Ponta Negra and Genipabu, where golden dunes meet turquoise waters. The city's rich history is reflected in sites like the 16th-century **Forte dos Reis Magos**, while its vibrant cultural scene showcases a blend of indigenous, African, and Portuguese influences. Natal offers not only relaxing beachside experiences, but also dynamic festivals, delicious regional cuisine, and warm hospitality. With its modern infrastructure, strategic location, and unique blend of nature and culture, Natal stands out as a premier destination in Brazil for travelers and international event organizers alike.



#### VENUE - PRAIAMAR NATAL HOTEL

**Praiamar Natal Hotel & Convention** is a modern hotel located in Ponta Negra, just steps from the beach and close to the Natal Convention Center. It offers over 215 rooms with contemporary amenities, a business center, pools, fitness facilities, and diverse dining options. With an integrated convention center, it is an ideal choice for both leisure stays and corporate events in Brazil's northeast.



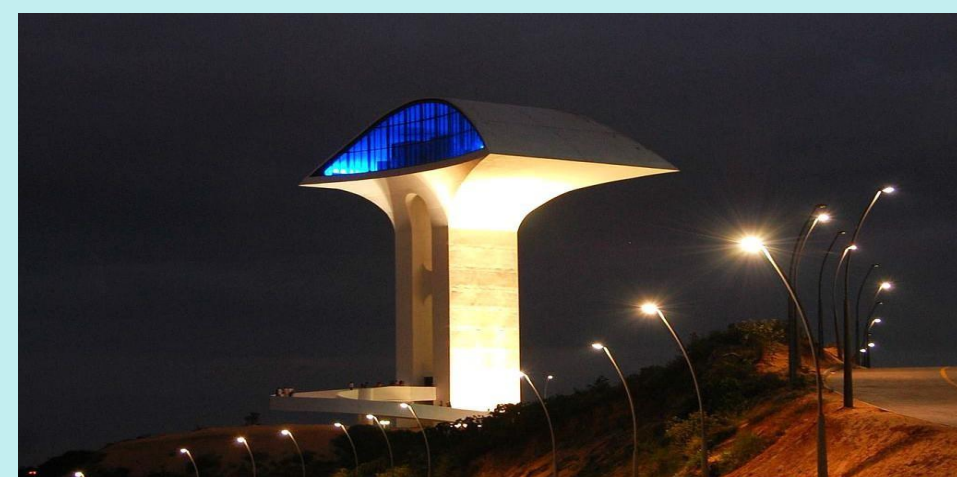
#### TOPICS

**ANTENNAS:** Antenna systems and architectures, antenna theory, antenna arrays, mm-wave and sub-mmwave antennas, multiband, multifunctional and UWB antennas, electrically small antennas, wearable and implantable antennas, lens antennas, reflector, feed systems and components, leaky-wave antennas, dielectric resonator antennas, reconfigurable antennas, active and integrated antennas, MIMO, diversity, smart antennas, RFID antennas/sensors, additive manufacturing for antennas, and other antenna topics.

**ELECTROMAGNETICS:** EM theory, computational and numerical techniques, optimization methods and machine learning in EM and antenna design, imaging and inverse scattering, scattering, metamaterials, metasurfaces and artificial materials, and other EM topics.

**PROPAGATION:** Propagation theory, deterministic, empirical and statistical propagation modelling, channel sounding and parameter estimation techniques, experimental methods and campaigns, machine learning for propagation, satellite propagation, propagation for vehicular communications, body and biological tissues propagation, RADAR localization and sensing, and other propagation topics.

**MEASUREMENTS:** Material characterization and nondestructive testing, near-field, far-field, compact and RCS measurement and calibration techniques, imaging algorithms and measurements, EMI/EMC/PIM instrumentation and measurements, dosimetry, exposure and SAR assessment, mm-wave, THz and quasioptical antenna measurement, MIMO and OTA testing, and other measurement topics



#### TRAVEL GRANTS

Travel grants will be offered to selected student authors of high-quality papers. Conditions and applications at [www.lacap2026.org](http://www.lacap2026.org).

#### IMPORTANT DATES

**Special Session Proposals:** Sept 13, 2025  
**Submission deadline:** Nov 20, 2025  
**Notification:** December 20, 2025



#### INFORMATION FOR AUTHORS

Authors are invited to submit papers in English, online, with a maximum length of TWO PAGES, letter size. Submissions must allow the Technical Program Committee and reviewers to assess the quality of the work in a single acceptance/rejection review process. For more submission information visit [www.lacap2026.org](http://www.lacap2026.org).



#### ORGANIZING COMMITTEE

**General Chair:** Alexandre Jean René Serres, Federal University of Campina Grande, Brazil.

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**Technical Program Committee General Chair:** Francisco Pizarro, Pontificia Universidad Católica de Valparaíso, Chile.

**TPC Co-Chairs:** Javier Araque Quijano, Universidad Nacional de Colombia, and Mauricio Rodríguez, Pontificia Universidad Católica de Valparaíso, Chile.

**Dissemination and Publication:** Walter Gustavo Fano, Universidad de Buenos Aires, Argentina, and Gustavo Siles, Universidad Privada Boliviana.

**Student Travel Grants:** Eva Rajo Iglesias, Universidad Carlos III de Madrid, Spain and Alberto Reyna Maldonado, Universidad Autónoma de Tamaulipas, Mexico.

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**Women in Engineering:** Anisha Apte, Synergy Microwave Corporation, United States of America.

**International Advisory Committee:** Branislav Notaros, Colorado State University, United States of America.

