IEEE: 1ˢᵗ LATIN CONFERENCE ON INTERNET OF THINGS

April 25-28, 2025
FORTALEZA | BRAZIL

An IEEE IoT TC Flagship Conference
www.lc-iot2025.com

CALL FOR PAPERS

The Latin Conference on Internet of Things is a Flagship and International conference of the IEEE IoT TC. It is planned to be organized each year in a different country in Latin America. The multidisciplinary conference is an opportunity for researchers from academia and industry from all around the world and from different domains on IoT to meet together and exchange their experiences, as well as for students working in all domains related to IoT. The conference will include selected papers, keynotes talks, special sessions, panels and tutorials. It will also include some special social events to provide an unforgettable experience to participants.

This first edition will be located in the beautiful city of Fortaleza, capital of the State of Ceará, in the Northeast of Brazil. The conference venue will be located in front of the ocean.

Technical papers should cover, but not be limited to, the following **topics**:
- ·Architectural Considerations
- ·AI/Machine Learning Technologies
- ·Big Data Algorithms and Analysis
- ·Cloud, Fog, and Embedded Computing
- ·IoT Communication, Networking, and Broadcast Technologies
- ·Circuits and Systems for IoT
- ·Devices, Components and Signal Processing
- ·Electronic Design Automation
- ·Computer Storage and Data Systems
- ·Cybersecurity, Security, Privacy, and Trust
- ·Reliability on IoT
- ·Fields, Waves, and Electromagnetics
- ·Power, Energy, and Industrial Applications
- ·Energy Harvesting and Efficiency
- ·Transportation, Connected Vehicles, and Multi-modal Systems
- ·Bioengineering and IoT
- ·Experiment Results, Demonstrations, Trials, and Deployments
- ·Robotics and Control Systems
- ·Sensors and Networked Sensor Systems
- ·Space-Based Communications and Remote Sensing
- ·Standards and Regulation
- ·Systems Engineering and Operation Technologies
- ·Theoretical Foundations and Design Methods
- ·Application and Case Studies
- ·Human-Machine Interfaces
- ·Impact of IoT on Engineering Professions and Society

Paper Submission Deadline: November 4th, 2024
Notification of Acceptance: January 10th, 2025
Camera-Ready Deadline: January 17th, 2025

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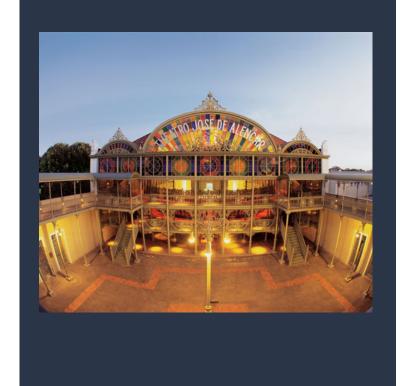
FORTALEZA

The sun and the ocean make Fortaleza one of the most beautiful parts of the country. Fortaleza is known for the hospitality of its 2.4 million inhabitants, who warmly welcome its visitors from all over the world. Fortaleza's night life is one of the best in the country, Forró, and accordion-driven folk-based style and a typical dance from the northeast, has reached all Brazilian territory and conquers everyone who visits the town. The gastronomy of the region is also very special, including a large set of exotic local fruits. Fortaleza has a tropical climate, which means sun and warmth all year round, with an average temperature varying between 28° and 30°C. It is another reason to enjoy the beautiful local beaches.

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