



**LAMC 2016
PUERTO
VALLARTA**



**IEEE MTT-S LATIN AMERICA
MICROWAVE CONFERENCE**



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The IEEE MTT-S Administrative Committee recently approved an initiative to create the IEEE MTT-S Latin America Microwave Conference (LAMC), to be held in the second week of December, every two years, starting in 2016. LAMC will have a general scope on RF and microwave engineering and technologies. This international conference is expected to move around to different locations in the region (Argentina, Brazil, Chile, Colombia, Mexico, Peru, etc.). It will aim to achieve a high technical quality and will be technically and financially sponsored by IEEE MTT-S.

The IEEE MTT-S Latin America Microwave Conference has the following general goals:

- To encourage technological, scientific and academic development in Latin American countries
- To promote participation in global MTT-S events
- To encourage the development of local MTT-S activities
- To increase MTT-S membership in Latin America
- To increase local interest and perception of relevance of MTT-S with respect to the local needs (cf. MTT-S Humanitarian Initiative)

The first edition of LAMC will take place in Puerto Vallarta, Mexico, on December 12-14, 2016

www.visitpuertovallarta.com

The Technical Program Committee of the 2016 IEEE MTT-S Latin America Microwave Conference (LAMC) wishes to invite original contributions to this event. The conference includes, but is not limited to, the following topics:

1. Passive components, circuits and devices (planar and non-planar components and circuits, filters and multiplexers, tunable devices, metamaterials, FSSs and EBGs)
2. Active devices, circuits and subsystems (RFICs & MMICs design, power amplifiers, linearization techniques, low-noise circuits, signal generation, conversion & control modules, linear and non-linear modeling and characterization)
3. RF systems and applications (microwave systems and front-ends, industrial, scientific and medical applications, navigation systems, intelligent transportation systems, RFID, mm-wave and THz technologies and systems, imaging, sensors, wireless power transmission)
4. Communication systems (terrestrial, vehicular, satellite and indoor applications, wireless and cellular communication systems)
5. Active antennas (phase arrays, integrated antennas, smart antennas, digital-beam forming and MIMO)
6. Signal-power integrity and high-speed digital techniques (EM interference and compatibility, high-speed interconnects, post-silicon validation techniques, power delivery networks, computer simulations and measurements)
7. CAD techniques for RF and microwave engineering (surrogate-based modeling and optimization, space mapping-based methods, model order reduction techniques, statistical analysis and design, EM-based and multiphysics design optimization, EM field theory, time and frequency-domain numerical techniques)

Two special sessions will be encouraged for LAMC: ① Special Session on SIGHT (Special Interest Group on Humanitarian Technology); and ② Special Session on RF and Microwave Applications for Smart Cities.

Papers submitted to LAMC 2016 will be peer reviewed and evaluated based on originality, quantitative contents, clarity, and interest to the audience. The review process will be single-blind. LAMC will use IEEE TPMS as the electronic paper management system. All accepted and presented papers will be published in the LAMC Conference Proceedings and submitted for inclusion in the IEEE Xplore Digital Library.

English will be the official language of the conference. Prospective authors are cordially invited to submit a three-page two-column manuscript, following the instructions available at the conference website (<http://lamc-ieee.org>).

Important Dates

Proposals for special sessions and tutorials: July 1, 2016

Papers submission: August 29, 2016

Notification of acceptance: September 19, 2016

Accepted papers submission: October 10, 2016

Conference dates: December 12-14, 2016



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