2016 IEEE MTT-S Latin America Microwave Conference (LAMC 2016)
Puerto Vallarta, Mexico, Dec. 12-14, 2016

Technical Program Topics Division

T1. Passive Components, Circuits and Devices:

- T1.1. Planar Components, Circuits, Filters and Multiplexers
- T1.2. Non-Planar Components, Circuits, Filters and Multiplexers
- T1.3. Tunable Devices (Passive Components, Filters and Multiplexers)
- T1.4. Metamaterials-based Components and Devices, Frequency Selective Surfaces (FSSs), and Electromagnetic Band Gaps (EBGs)

T2. Active Devices, Circuits and Subsystems:

- T2.1. RF Integrated Circuits (RFICs), Microwave Monolithic Integrated Circuits (MMICs)
- T2.2. Power Amplifiers, Linearization Techniques, Digital Pre-distortion and Low-Noise Circuits
- T2.3. Signal Generation, Conversion and Control Modules
- T2.4. Linear and Non-Linear Modeling and Characterization

T3. RF Systems and Applications:

- T3.1. Microwave Systems and Front-Ends
- T3.2. Industrial, Scientific and Medical Applications
- T3.3. Navigation Systems and Intelligent Transportation Systems
- T3.4. RFID Systems and Applications
- T3.5. mm-Wave and THz Technologies and Systems, Applications (Imaging, etc.)
- T3.6. Sensors, Wireless Power Transmission, Energy Harvesting

T4. Communication Systems and Applications:

- T4.1. Terrestrial and Vehicular Applications
- T4.2. Satellite Communication Systems and Applications
- T4.3. Wireless and Cellular Communication Systems, Indoor and Outdoor Applications

T5. Antennas:

- T5.1. Phased Arrays (Active or Passive, Related Circuits, Tx/Rx Modules)
- T5.2. Integrated Antennas, Active and/or Reconfigurable (Smart) Antennas
- T5.3. Digital-Beam Forming (spatial power combination, multiple-beam scanning), MIMO

T6. Signal-Power Integrity and High-Speed Digital Techniques:

- T6.1. EM Interference and Compatibility
- T6.2. High-Speed Interconnects
- T6.3. Equalization and Post-Silicon Validation Techniques
- T6.4. Power Delivery Networks
- T6.5. Computer Simulations and Measurements

T7. CAD Techniques for RF and Microwave Engineering:

- T7.1. Surrogate-based Modeling and Optimization, Space Mapping-based Methods
- T7.2. Model Order Reduction Techniques, Statistical Analysis and Design
- T7.3. EM-based and Multiphysics Design Optimization
- T7.4. EM Field Theory, Time- and Frequency-domain Numerical Techniques

ST. Special Sessions and Tutorials (by invitation only)