



IEEE Wireless and Microwave Technology Conference WAMICON 2012



Hilton Cocoa Beach FL
April 16 & 17 2012
www.wamicon.org

Submission Deadline Jan 9, 2012

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The 13th annual IEEE Wireless and Microwave Technology Conference (WAMICON 2012) will be held in the beautiful Cocoa Beach area in Florida. The conference will address up-to-date multidisciplinary research needs and interdisciplinary aspects of wireless and RF technology. The program includes oral presentations, poster presentations, workshops, and tutorials. Prospective authors are invited to submit original and high-quality work for presentation at the WAMICON and for publication in *IEEEExplore*. The technical program will cover wireless communication systems and RF technologies.

Topics of Interest Include:

Power Amplifiers (PAs)

High-Efficiency PAs, Linearization and Efficiency Enhancement Techniques and Topologies, Novel PA Architectures, High-Power Devices, Linear and Nonlinear Device Modeling and CAD, Thermal Considerations and Reliabilities, PA Applications

Active Components and Systems

Transceiver Design, Multi-Band RF Circuits and Systems, System-On-Chip, System-In-Package, Low-Power IC, Low-Noise IC, Radar RF/MMIC Electronics, Terahertz Electronics, Active (Non-Foster) Filters and Non-Foster Impedance Matching

Passive Components and Antennas

Filters, Transmission Line Components, MEMS, Advanced Packaging, Antennas and Arrays, Meta-Materials, Electromagnetic Bandgap Structures

Wireless Communications

Cognitive Radios, Wireless Networking, 3G/4G, Ultra-Wideband (UWB), MIMO, Multi-Carrier, Spread Spectrum, Channel Characterization and Modeling, Software Defined Radios (SDR)

Emerging RF and Microwave Technologies

Biomedical Applications, Wireless Sensing, Energy Harvesting, Wireless Power Transfer, Nano Devices and Circuits

Paper Submission Instructions

Authors are asked to submit papers electronically, in pdf format. In order to be considered for publication by the Technical Program Committee, a minimum of 4 pages (maximum of 8 pages), clearly describing the concept and results must be submitted. The final manuscript will be requested only after the paper is accepted. The conference webpage at www.wamicon.org has complete details of submission. Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience.

Important Dates

Papers Due:	Jan. 9, 2012
Author Notification:	Jan. 30, 2012
Final Papers Due:	Feb. 13, 2012