

IEEE Wireless and Microwave Technology Conference

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WAMICON 2020
April 15th – 17th 2020
Marriott Sand Key
Clearwater Beach, Florida

Submission Deadline: Friday February 7, 2020

The 21st annual IEEE Wireless and Microwave Technology Conference (WAMICON 2020) will be held in Clearwater Beach, Florida April 15th – 17th 2020. The conference will address up-to-date multidisciplinary research needs of wireless and RF technology. The program includes both oral and poster presentations as well as tutorials and special sessions. Prospective authors are invited to submit original and high-quality work for presentation at WAMICON 2020 and publication in IEEE Xplore. The conference website is www.wamicon.org

TOPICS OF INTEREST INCLUDE

The central theme of WAMICON 2020 will be “**Wireless Devices and Systems Making Mad Connections from Space to the 5G IoE**”. Submissions on all aspects of related technologies, including antennas, passive and active circuits in 5G, automotive, space, communication theory, and radar & radiometer system concepts, are encouraged. We’ve expanded our scope to include Space, IoE, Machine Learning.

Space & Emerging Applications: Wireless Power, Digital, Biomedical

CubeSats, SmallSats, FlatSats, Remote Sensors, Internet of Space, ASICS & Digital Back Ends, Optical Communications, Machine Learning, Spaceflight Qualification of Wireless Devices and Systems, Biomedical, Energy Harvesting, Wireless Power Transfer, Additive Manufacturing, Aerospace Applications of RF Circuits and System, Space Vehicle Com.

mm-Wave to THz Technologies

5G Communications, Backhaul, MIMO and Massive MIMO, Beamforming, Human Body Scanners, Radar, SatCom, Vehicle-to-Everything (V2x), Home/Office Application, Tactical Networks/Data Links, Packaging, MEMS, Integrated Circuits

Internet of Everything (IoE)

Automotive Systems, Smart Homes, Smart Cities, Machine-to-Machine (M2M), Bluetooth Low Energy (BLE), Light Fidelity (Li-Fi), Near-Field Communication (NFC), RFID, Zigbee, Low-Power Wide-Area Network (LPWAN), Active Denial, Cognitive Radios and Software Defined Radios, Spectrum Management, Wireless Security

Power Amplifiers, Other Active Components, and Systems

High-Efficiency & Novel PAs, Linearization and Efficiency Enhancement Techniques, High-Power Devices, Linear/Nonlinear Device Modeling, Transceiver Design, Multi-Band and Digital RF Circuits and Systems, System-On-Chip/Package, Radar RF/MMIC Electronics, Active Filters, Reliability/Thermal Considerations

Passive Components and Antennas

Filters, Transmission Line Components, Advanced Packaging, Antennas and Arrays, Meta-Materials, Frequency Selective Surfaces, Non-Foster Impedance Matching, Rectifiers

PAPER SUBMISSION INSTRUCTIONS

Authors are asked to submit papers electronically in .PDF format. In order to be considered for publication, a submission of 3-4 pages, clearly describing the concept and results must be submitted before the deadline of February 7, 2020. The conference webpage at www.wamicon.org has complete details of submission requirements. Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience.



IEEE



Papers Due:

Fri., Feb. 07, 2020

Author Notification:

Mon., Mar. 16, 2020

Final Papers Due:

Fri., Mar. 27, 2020