

IEEE Wireless and Microwave Technology Conference

General Chair

Gokhan Mumcu – University of South Florida (USF)

mumcu@usf.edu

General Vice-Chair

Michael Grady – GTRI

michael.grady@gtri.gatech.edu

Technical Program Chairs

Arya Menon – Texas A&M Univ.

aryamenon@tamu.edu

Jay McDaniel – Univ. of Oklahoma

jmcdaniel@ou.edu

Invited Papers Chairs

Eduardo Rojas – Embry-Riddle

Aeronautical Univ. Daytona Beach.

rojase1@erau.edu

Larry Dunleavy – USF & Modelithics

ldunleavy@modelithics.com

Poster Session Chair

Stavros Vakalis – USF

vakalis@usf.edu

Paper Competition Chair

Stavros Vakalis – USF

vakalis@usf.edu

Local Arrangements Chairs

Jim Culver - Raytheon

jwculver@ieee.org

Serita Cronin – Tampa Microwave

s.cronin@tampamicrowave.com

Exhibits & Sponsorship Chairs

Angie Rogers – Modelithics

arogers@modelithics.com

Jim Assurian – Reactel

jassurian@reactel.com

Publicity Chair

Michael Hallman – Microwave Journal

mhallman@mwjournal.com

Ryan Baker - WolfSpeed

Ryan.Baker@wolfspeed.com

Publications Chair

Chris DeMartino – Modelithics

cdemartino@modelithics.com

Registration Chair

Craig Sapashe - Keysight

craig_sapashe@keysight.com

Finance Chair

Satheesh Bojja – Florida Int. Univ.

sbojjave@fiu.edu

Henning Award Chair

Tom Weller – Oregon State Univ.

tom.weller@oregonstate.edu

IEEE YP Liaison

Jonas Mendoza – Qorvo

jonas.mendoza@qorvo.com

Women in Microwave Chair

Maria Cordoba – Qorvo

maria.cordoba@qorvo.com

Webmaster

Aditya Dave – SRA

aditya.dave@samsung.com

WAMICON EXCOM Chair

Jing Wang – USF

jingw@usf.edu



WAMICON 2024

April 15th and 16th 2024

Clearwater Beach

Marriott Sand Key, Florida

The annual IEEE Wireless and Microwave Technology Conference (WAMICON 2024) plans an engaging program in Clearwater, Florida on April 15th and 16th 2024. **2024 marks the 25th year anniversary of WAMICON** which addresses multidisciplinary research and technology trends in RF, Microwaves, and Wireless Communications. The program includes both oral and poster presentations as well as tutorials and special sessions. Clearwater provides a convenient location to the Tampa International Airport (TPA) and the West Coast of Florida. We invite prospective authors to submit original and high-quality work for presentation at WAMICON 2024 and publication in IEEE Xplore. Conference website is www.wamicon.org

TOPICS OF INTEREST

WAMICON 2024 will be highlighting “Wireless System and Device Innovations for Intelligent Communications and Adaptive Sensing”. We welcome submissions on all aspects of RF, Microwave, Mm-wave Devices and Systems along with hardware and software technologies enabling intelligent communications and sensing:

Power Amplifiers (PAs), 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, Wide Bandgap Semiconductors and Epitaxial Material Impacts.

Passive Components and Antennas

Filters, Transmission Line Components, Advanced Packaging, Antennas and Arrays, Novel Beam-Steering Techniques, Metamaterials, Metasurfaces, Frequency Selective Surfaces, Non-Foster Impedance Matching, Rectifiers

mm-Wave to THz Technologies

5G/6G Communications, Backhaul, MIMO and Massive MIMO, Beamforming, Human Body Scanners, Radar, SatCom, Vehicle-to-Everything (V2X), Home/Office Application, Tactical Networks/Data Links, mm-wave Packaging, MEMS, and Integrated Circuits.

Space & Emerging Applications

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.

Internet of Everything (IoE) & Machine Learning

Automotive Systems, Health and Medical Sensors, 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, AI for RF and Systems, ML applications for RF and Microwave Devices and Systems.

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 submission of 3-4 pages, clearly describing the concept and results must be submitted before the deadline of February 9, 2024. 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



Paper Submission: Fri, Feb. 9, 2024

Author Notification: Mon., Mar. 11, 2024

Final Papers Due: Mon., Mar. 25, 2024