

IEEE Wireless and Microwave Technology Conference

General Chair

Ryan Baker – Wolfspeed, A Cree Company
Ryan.Baker@Wolfspeed.com

General Vice-Chair

Jessica Coats – Harris
jcoats01@harris.com

Technical Program Chairs

Hjalti Sigmarsson – U of Oklahoma
h.sigmarsson@ou.edu

Kelvin Yuk – Echoic Engineering
ksyuk@echoicrf.com

Invited Papers Chairs

Mohamed Sayed - IEEE
mmsayed@sbcglobal.net

Xiaoguang "Leo" Liu - UC Davis
lxgliu@ucdavis.edu

Poster Session Chair

Serita Cronin – Tampa Microwave
serita@tampabay.rr.com

Local Arrangements Chairs

Larry Dunleavy – Modelithics
ldunleavy@modelithics.com

Jim Culver – Raytheon
jwculver@ieee.org

Exhibits & Sponsorship Chairs

Jim Assurian – Reactel
jassurian@reactel.com

Laura Levesque – Modelithics
llevsque@modelithics.com

Publicity Chair

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mhallman@mwjournal.com

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Gary Breed - AY Technologies
gary@aytechnologies.com

Registration Chair

Craig Sapashe – Keysight Technologies
craig_sapashe@keysight.com

Finance Chair

Holly Dunleavy – Modelithics
hdunleavy@modelithics.com

Student Volunteers

Xun Gong – Univ. Central Florida
Xun.Gong@ucf.edu

Henning Award Chair

Tom Weller – Univ. So. Florida
weller@usf.edu

Local Industry Liaison

TBD

IEEE YP Liaison

Michael Grady – U of South Florida
Grady.michael.d@gmail.com

WAMICON EXCOM Chair

Jim Culver - Raytheon
jwculver@ieee.org

IEEE Liaison

Larry Dunleavy - Modelithics



WAMICON 2018

April 9th and 10th 2018

Sheraton

Sand Key, Florida

Submission Deadline: Friday February 9, 2018

The 19th annual IEEE Wireless and Microwave Technology Conference (WAMICON 2018) will be held in Clearwater, Florida on April 9th and 10th 2018. The conference will address up-to-date multidisciplinary research needs and interdisciplinary aspects 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 2018 and publication in IEEE Xplore. Conference website is www.wamicon.org. WAMICON welcomes and encourages strong participation from industry, academic and governmental groups interested in advancing wireless and microwave technology.

TOPICS OF INTEREST INCLUDE

The central theme of WAMICON2018 will be “*mm-Waves and Internet of Things (IoT) for Commercial and Defense*”. We welcome submissions on all aspects of mm-wave and IoT related technologies including antennas, passive and active circuits, communication theory, and system concepts.

mm-Wave and Internet of Things (IoT)

5G Communications, MIMO and massive MIMO, beamforming, Machine-to-Machine (M2M) wireless, Internet of Space, Ultra-Wideband (UWB), Multi-Carrier, Spread Spectrum, Channel Characterization and Modeling, Cognitive Radios and Software Defined Radios

Power Amplifiers

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, Frequency Selective Surface, Non-Foster Impedance Matching

Microwave Applications

Biomedical Applications, Wireless Sensing, Energy Harvesting, Wireless Power Transfer, Radar, Additive Manufacturing

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, 2018. 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.



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Papers Due: Fri., Feb. 9, 2018
Author Notification: Fri., Feb. 23, 2018
Final Papers Due: Fri., Mar. 2, 2018