

Workshops at RWW 2020

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IEEE Radio & Wireless Week 2020 (RWW 2020) will continue the tradition of offering new and high-quality workshops to serve as forums where innovative ideas and state-of-the-art results can be presented and discussed. We have striven to identify compelling topics that will be of interest to a wide range of professionals and academics and that mesh well with the RWW 2020 co-located conferences: the IEEE Radio and Wireless Symposium; IEEE Topical Conference on RF/Microwave Power Amplifiers; IEEE Topical Meeting on Wireless Sensors and Sensor Networks; IEEE Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems; and a new conference, the IEEE Space Hardware and Radio Conference, which deals with radio hardware for space.

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Recognized experts and scientists from both academia and industry have been invited to RWW to bring fresh ideas and new concepts to the workshop audience (Figure 1). As a result, the following four half-day workshops, covering a wide spectrum of current RF topics, have been prepared:

- “Recent Progress on Integrated Doherty Amplifiers,” with contributions from Cardiff University, the University of Roma Tor Vergata, Po-

litecnico di Torino, Ommic Foundry, the European Space Agency, and the University of Aveiro

- “Solid-State Power Amplification for Space-Borne Systems,” with contributions from the European Space Agency, QuinStar Technology, III-V Labs, and Akash Systems
- “Advances in Silicon–Germanium BiCMOS and RF-CMOS Front-End Technologies,” with contributions from the Karlsruher

Institut für Technologie, Infineon Technologies, the Georgia Institute of Technology, Texas Instruments Fort Worth, Teledyne, and Global Foundries

- “Machine-Learning and Dimensionality-Reduction Techniques for RF Components and Systems: From Modeling to Linearization,” with contributions from Carleton

University, NXP, the University of Calgary, the Institute of Technology Roorkee, The Ohio State University, the Universitat Politècnica de Catalunya, and Chalmers University of Technology.

We are very grateful to all workshop organizers and presenters for their commitment and efforts toward providing a high-quality program, and we certainly hope that you will enjoy the results of their hard work.

The workshops will kick off RWW 2020 on Sunday afternoon, 26 January 2020, in the conference hotel, Grand Hyatt San Antonio, Texas, United States. For more details, please visit <https://radiowirelessweek.org/highlights/workshops>.



Figure 1. As with past RWW sessions, the 2020 workshops will bring together experts and scientists from both academia and industry.



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