



94th ARFTG Microwave Measurement Symposium

RF to Millimeter-Wave Measurement Techniques for 5G and Beyond

Hyatt Regency Riverwalk, San Antonio, TX, USA, **January 26-29, 2020**

www.arftg.org

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CALL FOR PAPERS

The theme for the 94th ARFTG Conference (which will be co-located with Radio and Wireless Week) is “RF to Millimeter-Wave Measurement Techniques for 5G and Beyond”. We encourage the submission of original papers demonstrating innovative approaches in state-of-the-art high-frequency test and measurement. Contributions exploring all areas of RF, microwave, and mm-wave measurements are welcome. Suggested topics include but are not limited to:

- 5G, internet of things (IoT), and over the air (OTA) measurement & calibration
- RF, microwave, and mm-wave measurement & calibration techniques for materials, devices, and circuits
- Measurements for wireless and guided-wave communication systems
- Waveform characterization and noise measurements
- Small and large-signal measurements and modeling of devices, circuits, and systems
- Linear and nonlinear vector network analysis in the frequency, time, & envelope domains
- On-wafer measurement, calibration, and de-embedding techniques
- General advances in microwave metrology, measurement and calibration techniques

Deadlines

September 27, 2019 Electronic abstract/summary is due in PDF format.

October 25, 2019 Paper acceptance and classification will be communicated.

November 15, 2019 Publication-ready paper is due in PDF format.

Instructions for Authors

Instructions for authors are outlined briefly below. More details can be found on the ARFTG website: <http://www.arftg.org/index.php/upcoming-conference/author-instructions>. Authors are strongly encouraged to use the template on that webpage to prepare both initial summary and final paper submissions.

We request that authors submit a 4-page summary with supporting figures of both experimental setups and measurement results to enable evaluation with respect to the interests of the participants and the novelty of the work.

Contributed papers will be presented as 20-minute talks or in an interactive poster session. Final papers will be published as part of the ARFTG proceedings in IEEE Xplore, provided it has been presented at the conference.

Financial Support for Students

ARFTG provides financial support to graduate students to attend the fall/winter ARFTG conference with our ARFTG Student Sponsorship Initiative. Please see the program webpage (<http://www.arftg.org/index.php/membership/student-sponsorship>) or contact our sponsorship chair (Joe Gering, sponsorship@arftg.org) for more details.

Exhibit & Sponsorship

The 94th ARFTG Conference also offers an outstanding exhibition and sponsorship opportunity. Please contact our Exhibits Chair (Joel Dunsmore, exhibits@arftg.org) or our Sponsors Chair (Joe Gering, sponsorship@arftg.org) directly for further information.



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