



ARFTG 86th Microwave Measurement Conference

Microwave Measurements with Applications to Bioengineering and Biomedicine

Georgia Tech Hotel and Conference Center, Atlanta, Georgia, USA
December 1-4, 2015

www.arftg.org

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CALL FOR PAPERS

The theme for the 86th ARFTG Conference is "Microwave Measurements with Applications to Bioengineering and Biomedicine". We encourage the submission of original papers demonstrating the coupling of RF and microwave measurement techniques to biomedical and bioengineering applications. More broadly, contributions exploring all areas of microwave, RF, and mm-wave measurements are welcome. Suggested topics include but are not limited to:

- *RF, microwave, and mm-wave sensing/characterization of biological systems and chemical agents/reactions*
- *RF, microwave, and mm-wave applications to medical communications*
- *RF, microwave, and mm-wave signals applied to bioengineering*
- *RF, microwave, and mm-wave measurement & calibration techniques for materials, devices, and circuits*
- *Small and large-signal measurements and modeling of RF transistors, circuit, and systems including memory and baseband effects*
- *Experimentally-based behavioral modeling of RF circuits and applications*
- *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*
- *Time domain & wideband measurement and characterization of communication systems*

Deadlines

September 14, 2015 Electronic abstract/summary due in PDF format

November 2, 2015 Publication-ready paper due in PDF format

Paper acceptance and classification will be communicated by **October 5, 2015**

Instructions for Authors

Instructions for authors are outlined briefly below. More details can be found on the ARFTG web-site: <http://www.arftg.org/index.php/upcoming-conference/author-instructions>.

Contributed papers will be presented as 20-minute talks or in an interactive poster session, and published as part of the ARFTG proceedings in IEEE Xplore.

We request that authors submit a 1000 word summary with supporting figures of both experimental setups and measurement results to enable evaluation with regard to the interests of the participants and novelty of the work.

Financial Support for Students

Ph.D. students and advisors interested in obtaining financial support for students to attend the conference should refer to the Student Sponsorship Initiative on the ARFTG web-site:

<http://www.arftg.org/index.php/membership/student-sponsorship>.

Exhibit & Sponsorship

The 86th ARFTG Conference also offers an outstanding exhibition and sponsorship opportunity. Please contact our Exhibits Chair (exhibits@arftg.org) or our Sponsors Chair (sponsorship@arftg.org) directly for further information.



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