



ARFTG 87th Microwave Measurement Conference

Measurements for Emerging Communications Technologies

San Francisco, CA, USA, May 27th, 2016

www.arftg.org

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Qorvo

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CALL FOR PAPERS

The theme for the 87th ARFTG Microwave Measurement Conference is “*Measurements for Emerging Communications Technologies*”. Technical papers are solicited describing original work in the areas of measurement requirements for new, emerging, and developing technologies for communications systems including, but not limited to:

- 5G, millimeter-wave and THz technologies
- High data rate optical communications
- Nanomaterials, including graphene and related materials
- Medical and biological technologies, including wearables and PANs

Topics of particular interest include:

- Measurements of wide bandwidth and high dynamic range signals, including PAs
- RF/digital mixed signal measurement and calibration
- Nonlinear / Large-signal measurement and modeling techniques
- Millimeter-wave/THz and other high frequency measurement techniques
- Multiple Input Multiple Output (MIMO) measurements
- Materials measurements for emerging technologies
- Low power and low data rate measurements in noisy environments
- Adaptive communications such as cognitive radio
- De-embedding and correction techniques
- Other topical areas of RF, microwave, mm-wave measurements

Deadlines

February 8, 2016 Electronic Abstract/Summary due in PDF format

March 21, 2016 Publication-ready paper due in PDF format.

Paper acceptance and classification will be communicated by **February 29, 2016**

Instructions for Authors

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 4-page 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. More details can be found at:

<http://www.arftg.org/index.php/upcoming-conference/author-instructions>.

Support for Students

Students are encouraged to submit papers for the conference. Students interested in obtaining financial assistance to attend the conference should contact the Conference Chair, John Wood (john.wood@ieee.org). Any awards will be discretionary, and preference will be given to authors of accepted papers.

Exhibit & Sponsorship

The 87th ARFTG Conference also offers an outstanding exhibition and sponsorship opportunity. Please contact our Exhibits and Sponsorship Chairs (Joe Gering, exhibits@arftg.org, Gayle Collins, sponsorship@arftg.org) directly for further information.



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