



# 97<sup>th</sup> ARFTG Microwave Measurement Conference Conducted and OTA Measurement Challenges for Urban, Rural & SatComm Connectivity

Atlanta, GA USA, June 11, 2021

[www.arftg.org](http://www.arftg.org)

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<https://www.arftg.org/index.php/about-arftg/executive-committee-roster>

## CALL FOR PAPERS

The 97<sup>th</sup> ARFTG Microwave Measurement Conference, which is part of IMS week 2021, will be held at the Georgia World Congress Center in Atlanta, Georgia with an exciting collection of measurement topics to be presented. The theme for this conference is:

*“Conducted and OTA Measurement Challenges for Urban, Rural & SatComm Connectivity”*

Technical papers are solicited describing original work in areas of measurement for state-of-the-art and next-generation technologies for communications and sensing including, but not limited to:

- Backhaul measurements challenges for terrestrial and extraterrestrial systems
- Direction-Finding, angle-of-arrival and time-of-flight techniques for comm systems
- Millimeter-wave antenna and OTA testing
- Millimeter-wave product manufacturing measurement and calibration challenges

Topics always of interest include:

- RF/digital mixed-signal measurement and calibration
- Nonlinear / large-signal measurement and modeling techniques
- Terahertz measurement techniques
- Calibration methods
- Materials measurement approaches

## Deadlines

February 12, 2021	Paper summary due in PDF format.
March 7, 2021	Paper acceptance and classification will be communicated.
March 27, 2021	Publication-ready paper is due in PDF format.

## Instructions for Authors

Contributed papers will be presented as 20-minute talks or in an interactive poster session. The final version of the papers will be published in the conference proceedings, and will be submitted as well to IEEE Xplore, provided it has been presented during the conference.

We request that authors submit a 4-page summary paper with supporting figures of both experimental setups and measurement results to enable evaluations of the novelty of the work. More details and submission instructions can be found at:

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

This year, ARFTG will also be participating in the Three Minute Thesis (3MT) competition along with IMS and RFIC. Authors of accepted papers will be able to enter this competition with finalists presenting a description of their work for a general audience.

## Exhibit & Sponsorship

The 97<sup>th</sup> ARFTG Microwave Measurement Conference also offers an outstanding exhibition and sponsorship opportunity. Please contact our Exhibits and Sponsorship Chairs ([exhibits@arftg.org](mailto:exhibits@arftg.org), [sponsorship@arftg.org](mailto:sponsorship@arftg.org)) directly for further information



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