



89th ARFTG Microwave Measurement Conference

Advanced Technologies for Communications

Honolulu, Hawaii, USA, June 9th, 2017

www.arftg.org

Conference Chair

Peter Aaen
University of Surrey
p.aaen@surrey.ac.uk

Technical Program Chair

Nick Ridler
National Physical Laboratory
nick.ridler@npl.co.uk

Exhibits Chair

Joel Dunsmore
Keysight Technologies
exhibits@arftg.org

Executive Committee

Jon Martens **President**
Anritsu
Dominique Schreurs **Vice-President & Nominations**
K. U. Leuven

Peter Aaen **Secretary & Electronic Publicity**
University of Surrey

Joe Gering **Sponsorship**
Qorvo

Ronald Ginley **Treasurer & Standards**
NIST

Mohamed Sayed **Sponsorship**
MMS

Jean-Pierre Teyssier **Electronic Communication**
Keysight Technologies

Joel Dunsmore **Exhibits**
Keysight Technologies

Patrick Roblin **Workshops**
Ohio State University

David Blackham **Publications**
Keysight Technologies

Marco Spirito **Forums & Publicity**
Delft University of Technology

Rusty Myers **Membership**
Keysight Technologies

Andrej Rumiantsev **Publicity & Awards**
MPI Corporation

Jeffrey Jargon **Publicity**
NIST

Leonard Hayden **MTT-S Liaison**
Qorvo

Ex-Officio Members

John Cable **Executive Secretary**

CALL FOR PAPERS

The theme for the 89th ARFTG Microwave Measurement Conference is “Advanced Technologies for Communications”. Technical papers are solicited describing original work in areas of measurement for state-of-the-art and next-generation technologies for communications including, but not limited to:

- 5G communications and beyond
- Internet of Things (IoT)
- Quantum communication technologies
- Nanomaterials for communications, including graphene and related materials

Additional topics of interest include:

- RF/digital mixed-signal measurement and calibration
- Nonlinear / Large-signal measurement and modeling techniques
- Terahertz measurement techniques
- Multiple Input Multiple Output (MIMO) measurements
- Adaptive communications such as cognitive radio
- Other topical areas of RF, microwave, millimeter-wave measurements

Deadlines

February 15, 2017: Paper summary due in PDF format, at
<https://cmt3.research.microsoft.com/ARFTG2017>

Paper acceptance and classification will be communicated by **March 8, 2017**

March 29, 2017: Publication-ready paper due in PDF format.

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 paper 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, Peter Aaen (p.aaen@surrey.ac.uk). Any awards will be discretionary, and preference will be given to authors of accepted papers.

Exhibit & Sponsorship

The 89th ARFTG Microwave Measurement Conference also offers an outstanding exhibition and sponsorship opportunity. Please contact our Exhibits and Sponsorship Chairs (Joel Dunsmore, exhibits@arftg.org, Mohamed Sayed, sponsorship@arftg.org) directly for further information.

www.arftg.org

