



ARFTG 70th Microwave Measurement Symposium

High Power RF Measurement Techniques

Tempe Mission Palms Hotel, Tempe, AZ Nov 27th - 30th, 2007

www.arftg.org



SCHEDULE OF EVENTS

Tuesday, November 27 8.00am – 5.00pm	RF PA Design Short Course
Wednesday, November 28 8.00am – 12.00pm	
Tuesday evening	Short Course Dinner
Wednesday, November 28 1.15pm – 5.00pm	Nonlinear Measurement Workshop
Wednesday, November 28 5.00pm – 7.00pm	NVNA Users' Forum
Thursday, November 29 8.00am – 5.00pm	ARFTG 70 th Measurement Conference
Friday, November 30 8.00am – 12.00pm	
Thursday evening	Reception & Award Banquet
Friday, November 30 1.15pm – 5.00pm	Signal Integrity Workshop



ARFTG CONFERENCE

ARFTG will hold its 70th Microwave Measurement Symposium at the Tempe Mission Palms Hotel in Tempe, AZ, Nov 27th - 30th, 2007. The theme of the Conference is "High Power RF Measurement Techniques". There are technical papers describing original work in RF & microwave measurements, including the following topic areas:

- Load-pull techniques: active and passive, fundamental and harmonic
- RF system measurement addressing linearity, efficiency, pre-distortion
- Linear and nonlinear device and behavioral modeling
- Probing and fixturing
- Calibration methods and techniques (1-port, 2-port, multi-port, high-power)
- Other areas of RF, microwave, and millimeter wave measurement

RF PA DESIGN SHORT COURSE

Join us in "An introduction to modern RF power amplifier design," presented by Dr. Steve Cripps, *Hywave Associates*.

Day 1: A review of classical reduced conduction angle amplifier modes; high efficiency amplifier modes; waveform measurement and verification techniques.

Day 2: Linearization techniques; verification and measurement.

NONLINEAR MEASUREMENT WORKSHOP

We shall have presentations from acknowledged leaders in the field of high power and nonlinear measurement technology. The presentations will cover load-pull technology including active harmonic techniques, large-signal network analysis, RF system linearity measurement techniques, pulse systems, and envelope domain measurement.

SIGNAL INTEGRITY WORKSHOP

This workshop will cover measurement and modeling of interconnect structures, optimization of channel performance, and show how typical impedance discontinuities and anomalies translate to data errors such as timing jitter and eye diagram closure.

EXHIBIT

The 70th ARFTG Conference also has an exhibition, welcoming vendors from the RF and microwave measurement industry.

LOCATION

The Tempe Mission Palms hotel is centrally located in downtown Tempe. Reserve your hotel room by calling the Tempe Mission Palms by November 2, 2007, and mention ARFTG to get the special conference rate.

Tempe Mission Palms Hotel, 60 E 5th St., Tempe, AZ 85281
Tel: +1-480-894-1400 www.missionpalms.com

REGISTRATION

Go to www.arftg.org for information about the conference fees, and to download the Registration form. Register before November 2 to receive an early registration discount.

