
NVNA Users' Forum – Spring 2007

Agenda:

- 4:30 p.m.–4:35 p.m.: Welcome
 - 4:35 p.m.–4:55 p.m.: Introductions by attendees
 - 4:55 p.m.–5:15 p.m.: Discussion 1: “Measurements of cascaded devices in non-50-ohm environments.”
 - 5:15 p.m.–5:35 p.m.: Ph.D. research: “Waveform engineering for practical high-efficiency PA design.” Cardiff University.
 - 5:35 p.m.–5:55 p.m.: Discussion 2 “What am I losing when I perform multi-tone measurements?”
 - 5:55 p.m.–6:25 p.m.: Research updates and demos, and open discussion (10 mins each)
 - (1) Comparison of methods to measure pulsed RF signals
 - (2) Workshop session on uncertainty in modulated Signal measurements
 - (3) An LSNA Based on a Non-intrusive Voltage Probe
 - 6:25 p.m. –6:30 p.m.: Announcements
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Discussion Topic 1 (20 min.)

“Measurements of cascaded devices in non-50-ohm environments.”

- *How do engineers approach modeling and measurement of multiple nonlinear devices?*
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Ph.D. Research (20 min.)

*“Applications of Non-linear Measurements
with Multi-harmonic Active Load-Pull.”*

- *Short presentation and discussion*
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Discussion Topic 2 (20 min.)

“What am I losing when I perform multi-tone measurements?”

- *Do periodic signals composed of sinusoids really capture device behavior?*
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Research Updates, Demos, Information Sharing

- **Jean-Pierre Teyssier, University of Limoges**
“Comparison of methods to measure pulsed RF signals”
 - **Kate Remley, NIST**
“Workshop session on uncertainty in modulated signal measurements ”
 - **TBA**
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Announcements

Next Users' Forums:

- October 2007 in Munich, Germany at EuMC
- December 2007 in Tempe, AZ at ARFTG 70

Organizers:

- Dr. Kate Remley (remley@boulder.nist.gov)
 - Dr. John Wood (john.wood@freescale.com)
 - Dr. Dominique Schreurs
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