

The NVNA Users' Forum at EuMW 2005

An informal discussion group devoted to sharing information and issues related to instrumentation utilized in vector large-signal network analysis of microwave circuits and systems that contain nonlinear elements.

Topics: Large-signal measurements utilizing nonlinear vector network analyzers (NVNAs), e.g., Microwave Transition Analyzers (MTAs) and Large-Signal Network Analyzers (LSNAs). NVNA measurements in conjunction with loadpull, sampling oscilloscopes, vector signal analyzers, and other test equipment used to perform large-signal measurements.

Date: Thursday, Oct. 6th

Time: 4:30 p.m. - 6:00 p.m.

Location: CNIT, Daguerre Room

The NVNA Users' Forum is co-sponsored by TARGET and ARFTG.

Agenda

4:30 p.m. – 4:35 p.m.: Introductions

4:35 p.m. – 5:05 p.m.: TARGET Virtual Lab on Time Waveform Measurements: Discussion on Round Robin Results

5:05 p.m. – 5:25 p.m.: Discussion of Ph.D. research: Fabien De Groot (IRCOM)

5:25 p.m. – 5:55 p.m.: Research updates

- *Avoiding common pitfalls when moving beyond S-parameters. A 5-minute intermezzo. Experts may leave the room* (Frans Verbeyst, NMDG Engineering)
- *LSNA Research Activities at Vigo University* (Monica Barciela, Vigo University)
- *Pulsed LSNA Measurements* (Jean-Pierre Teyssier, IRCOM)
- *Latest on Sampler Design* (Steven Pepper, Picosecond Pulse Labs)

5:55 p.m. – 6:00 p.m.: Announcements

Feel free to drop in or let us know if you'd like to participate:

Dr. Dominique Schreurs, K.U.Leuven <dominique.schreurs@esat.kuleuven.be>

Dr. Wendy Van Moer, VUB <wendy.vanmoer@vub.ac.be>

Dr. Kate Remley, NIST <remley@boulder.nist.gov>

We hope to see you there!