



Dear all,

We are happy to announce the next event of the ARFTG NVNA Users' Forum, which will take place on Friday June 12 from 12:15am to 1:25pm at the Boston Convention and Exhibition center in Boston, MA. As you can see, we will meet during the lunch, this is the first time that we are having this event at lunch time as it's very difficult to find time in the ARFTG schedule. We will do our best to ensure a good lunch (this is very usual at ARFTG!) and a good discussion together. All attendees of the ARFTG conference are invited to attend.

The agenda is:

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| 12:15 to 12:20 | Introduction, opening session |
| 12:20 to 12:40 | Guillaume Paillancy (NMDG) "Technology update on nonlinear capabilities with vectorial network analyzers" |
| 12:40 to 13:00 | Discussion topic: "NVNA IF Bandwidth", we plan to speak about: <ul style="list-style-type: none">- measurement needs- trade-offs (speed, accuracy...)- ways to optimize it or to enlarge it- minimum step between two points- |
| 13:00 to 13:20 | PhD student research update and questions to the attendees : Jad Faraj, XLIM, University of Limoges. Topic: transient studies with NVNA |
| 13:20 to 13:25 | Closing the session, announcements. |

For those of you who are new to us: we are 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. NVNA user's Forum topics include: Large-signal measurements utilizing nonlinear vector network analyzers (NVNAs), e.g. Microwave Transition Analyzers (MTAs) and Large-Signal Network Analyzers (LSNAs). In order to take into account the recent improvements in nonlinear measurement technologies, fast sampling oscilloscopes or VNAs with particular amplitude and phase calibrations are considered as NVNA systems.

To involve more young researchers in the field of NVNA measurements, we again invite PhD students to tell about his/her research problems in the nonlinear measurement field and ask for help and suggestions by more experienced researchers in the group. If you would like to bring a research update, suggest a discussion topic, or are a PhD student interested in discussing your research, please contact the organizers:

Jean-Pierre Teyssier <teyssier@brive.unilim.fr>
Dominique Schreurs <dominique.scheurs@esat.kuleuven.ac.be>
John Wood <john.wood@ieee.org>

Moreover, if some of the attendees are very interested in one of the discussion topics, they can bring a couple of slides to expose briefly some updates or to highlight some details. Please get in touch with the moderator before the forum to check with her/him and to upload the slides.

For information on past meetings, our website: <http://www.arftg.org/>
NVNA User's Forum area.

We look forward to seeing you in Boston!

Jean-Pierre, Dominique, John