A review of recent international activities:

67th ARFTG
IMS 2006
CPEM 2006

Nick Ridler & Chris Eio
NPL
Activities

ARFTG – Automated RF Techniques Group

IMS - International Microwave Symposium

CPEM – Conference on Precision Electromagnetic Measurements
ARFTG

Holds two ‘microwave measurements’ events each year

Summer: One-day conference alongside IMS and RFIC
Two workshops at IMS
Non-linear Vector Network Analyser (NVNA) Users’ Forum

Winter: Two-day conference
One-and-half day training course
Non-linear measurements workshop
NVNA Users’ Forum

(A third NVNA Users’ Forum also takes place during European Microwave week, in the Autumn.)
ARFTG – Summer 2006 meeting

Held in San Francisco, California, USA

Conference theme: “Measurements and design of high power devices and systems”

Workshops: “High speed digital signal integrity”

“Practical methods for determining the accuracy of measurements – a review of techniques both old and new”

NVNA Users’ Forum: Informal discussions about research
ARFTG – future meetings

Winter 2006 – Broomfield, Colorado, 28 November to 1 December

28 and 29 Nov: **Training course**

29 Nov: **Non-linear Measurement Workshop**
“High frequency sampling versus traditional RF mixing techniques”

29 Nov: **NVNA Users’ Forum**

30 Nov and 1 Dec: **Conference**
“Measurement for emerging technologies”

NPL
ARFTG – future meetings

Summer 2007 – Honolulu, Hawaii, 8 June

Alongside IMS 2007 and RFIC 2007

Conference theme: “Addressing metrology needs for future high-speed information and communication systems”

Workshops: to be decided
Held annually; this year in San Francisco, California, USA

Attended by 10,000+ delegates

Included: exhibition, conferences, workshops, tutorials, etc

A joint IMS/ARFTG workshop was titled:
“The Practical methods for determining the accuracy of measurements – a review of techniques both old and new”
2007 meeting is in Honolulu, Hawaii, 3 to 8 June

Usual exhibitions and conferences (IMS, ARFTG, RFIC)

Call for papers deadline: 1\textsuperscript{st} December 2006

Web-sites for more information:

www.ims2007.org  www.arftg.org
Held bi-annually; hosted this year by Istituto Nazionale de Ricerca Metrologica (INRiM), Torino, Italy

Attended by an estimated 500 delegates from NMIs and academic institutions around the world

Included: exhibition, presentations, poster sessions in a number of different areas

RF/MW sessions: High Frequency Field Measurements, High Frequency Impedance Measurements, High Frequency Power Measurements

Round Table Discussion: Proposed Changes to the SI
2008 conference to be hosted by NIST Boulder, June 8 –13

Held in collaboration with NCSLI

Websites for more information

[www.icpem.org](http://www.icpem.org)  [www.ncsli.org](http://www.ncsli.org)