

Commission A (Electromagnetic Metrology) Activity Report

November 2012 - February 2013

1. International Meetings in the Period

Precise Time and Time Interval System and Applications Meeting (PTTI 2012) was held at Virginia USA from November 26 to 29, 2012. 1 paper from National Institute of Information and Communication Technology (NICT) was presented

The workshop of the IEEE Microwave Theory and Technique Society Microwave Measurement Committee (MTT-11) was held at Hsinch, Taiwan from November 10 to 11, 2012, with the support of Asia-Pacific Metrology Program (APMP).

The General Assembly and Related Meetings of APMP was held in Wellington, New Zealand from November 25 to 30, 2012. As a one-day hands-on workshop, the Technical Committee on Time and Frequency organized the GPS Receiver Calibration Exercise Workshop, and the procedure for the calibration of the Time and Frequency Transfer Links was discussed.

NICT held the NICT Workshop on the Optical Frequency Standards with the sub-theme of "Recent progress and future progress" from February 7 to 8, 2012, at NICT, Tokyo. Six distinguished researchers in the field of time and frequency were invited and the up-to-date research trends in the field were presented.

2. Future meetings

The 34th Progress in Electromagnetics Research Symposium (PIERS 2013) will be held at Stockholm, Sweden from August 12 to 15, 2013.

Asia-Pacific Radio Science Conference (AP-RASC2013) will be held in Taipei, Taiwan, from September 3 to 7, 2013. Commission A of URSI will organize the following five sessions.

A1: Calibration and dissemination in electromagnetic metrology

A2: Microwave frequency standards

A3: Time and frequency transfer

A4: Optical frequency Standards

AD: Optical frequency measurement

All of these five sessions will be designed as the joint sessions with the Asia-Pacific Workshop on Time and Frequency (ATF2013) which is organized under the Technical Committee on Time and Frequency of the APMP.

In conjunction with the fifteenth International Conference on Electromagnetics in Advanced Applications (ICEAA2013) which will be held in Torino, Italy, from September 9 to 13, 2013, Commission A of URSI will organized the Electromagnetic Metrology Symposium (EMS2013). All aspects of metrology, measurements and standards in radio science will be covered in the symposium.