

Commission A (Electromagnetic Metrology) Activity Report

October 2009 - February 2010

1. International Meetings in the Period

The 25th General Assembly of the Asia Pacific Metrology Program (APMP) was held for two days from December 17, 2009, at the Kuala Lumpur Convention Centre in Malaysia. APMP is one of the regional metrology organizations and is responsible for providing international credibility for measurement traceability and competence as a basis for global Mutual Recognition Arrangement. The general assembly of the APMP is held annually by the member organizations to discuss about coordination of the related activities and about the promotion of the mutual collaborations. Meetings of technical committees of APMP and other meeting including the following four workshops were held at the same venue from December 11, 2009.

- Joint APMP-SIM Workshop on Peer Review of Quality Management Systems
- Workshop on Optical Comb and Laser Interferometry
- Workshop on Electricity & Magnetism
- Metrology in Chemistry Workshop

During the general assembly, the venue for the 27th General Assembly was discussed and it was decided to hold it and related meetings in Japan by the collaboration of four member institutes in Japan.

The 41st Annual PTTI (Precise Time and Time Interval) meeting was held at Hyatt Regency Tamaya, Resort, Santa Ana Pueblo, New Mexico, USA, for four days from November 16, 2009. Tutorials related with the precise time and frequency measurements were given and the three days of scientific sessions were scheduled.

2. Future Meetings

The 24th European Frequency and Time Forum (EFTF2010) will be held at the Space Research and Technology Centre of the ESA, Noordwijk, the Netherlands from April 13 to April 16, 2010. Although the conference is held annually in the area

of Europe, it is one of the major international meetings related with the scientific research in the field of time and frequency metrology. The 27th Conference on Precision Electromagnetic Measurements (CPEM 2010) will be held at Daejeon Convention Center in Daejeon, Korea from June 13 to June 18, 2010. The host institute of the conference is Korea Research Institute of Standards and Science (KRISS). All areas related with measurements of electromagnetic quantities will be covered by the conference. A major focus of this year is placed on quantum devices that relate electrical standards to fundamental constants and the international system of units. Asia-Pacific Workshop on Time and Frequency is held bi-annually and the next workshop will be held as the joint sessions under the AP-RASC'10 meeting in Toyama, Japan. Five sessions have been designated as the joint sessions and the call for papers have been circulated to the community of the time and frequency metrology in the Asia-Pacific region.