

Commission A (Electromagnetic Metrology) Activity Report

November 2010 - February 2011

1. International Meetings in the Period

The 42nd Annual PTTI (Precise Time and Time Interval) meeting was held at Hyatt Regency Reston Town Center, Reston, Virginia, USA for four days from November 15, 2010. Various activities and information in the time and frequency metrology field were discussed and exchanged during the meeting. The General Assembly and related meetings of the APMP (Asia Pacific Metrology Programme) was also held for 7 days from November 14, 2010 at Dusit Thani Pattaya Hotel, Pattaya, Thailand. All activities related with metrology in the region of Asia Pacific were discussed during the meeting. The next General Assembly and related meetings will be held at Kobe International Conference Center from December 4, 2011. National Metrology Institute of Japan will host the meetings with collaborations of National Institute of Information and Communications Technology, Chemicals Evaluation and Research Institute, and Japan Electric Meters Inspection Corporation.

2. Future Meetings

In 2011, the IEEE International Frequency Control Symposium and the European Frequency and Time Forum will hold a joint conference in San Francisco, California, USA, from May 1 to May 5, 2011. Such joint conferences have been held once every three years since 1999. Research papers related with developments of microwave and optical frequency standards, time keeping, time and frequency transfer, and GNSS applications will be presented. In the field of lasers and its applications for optical frequency standards, Conference in Lasers and Electro-Optics (CLEO) will be held in Baltimore, Maryland, USA from May 1 to May 6, 2011, CLEO/Europe will be held in Munich, Germany, from May 22 to May 26, 2011, and International Conference on Laserspectroscopy (ICOLS) will be held in Hannover, Germany from May 30 to June 3, 2011.