

20th June 2013

Report on Eurachem Workshop on Quality Assurance of Measurements from Field to Laboratory, MIKES Finland, 20-21 May 2013

During the Eurachem annual meeting 2013 Finntesting Association, Centre for Metrology and Accreditation (MIKES) and Eurachem organized the workshop on Quality Assurance of Measurements from Field to Laboratory at MIKES, Finland on 20-21 May. Altogether, 45 participants of the workshop were from 12 countries. Timo Hirvi, the Director General of MIKES and Janne Nieminen, the Chair of Finntesting Association hosted the workshop.

Bertil Magnusson, the Chair of Eurachem introduced the participants to Eurachem's organization, aims, major cooperations, guidance documents and main activities in the past and in the future and also to the items of the current workshop. He visualized/presented the measurement cycle starting from the client's needs proceeding via scientist's input until decisions made based on results of measurements. There were two main subjects in the workshop including the poster session and discussions: on the first day challenges related to on-site/on-line measurements and on the second day challenges on nanotechnology. On-line/on-site measurements covered several aspects such as education, analytical method development and validation, environmental measurements, industrial measurements, a mobile laboratory, specific analytical methods, research and traceability of data. The items related to nanotechnology ranged from status and future of nanotechnology, nanometrology in biomedicine, risk management in industrial nanomaterials, food sector, quality assurance of microarray data, measurements with magnetic nanoparticles, traceable dimensional measurements in nanoscale and practical solutions. The participants considered the scientific programme important and interesting according to the results of the questionnaire made.

A detailed programme and lectures are available on the website: <http://www.eurachem.org/>
<http://www.eurachem2013.com/materials>.