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IMEKO TC-8, TC-23, TC-24

## Three-day Conference **Metrological traceability in the globalisation age**

*Supporting technical and chemical measurements to live up to society and industry expectations, specifically enhancing confidence in food and nutritional measurements*

Paris (France), 6-8 April 2011

### **Scope of the workshop**

The three IMEKO TCs, recognizing the common interest and synergy between their fields of activity, decided to provide an international platform of effective collaboration in metrological traceability, aiming to improve the reliability, comparability and traceability of technical and chemical measurements in a large number of sectors, addressing industrial and monitoring laboratories needs and on site measurements, with a specific focus on food and nutritional analyses.

### **Main topics covered by the programme**

- ◇ Metrological traceability of environmental measurements at regulation limits levels
- ◇ Metrological traceability of chemical measurements in food and nutrition sector
- ◇ Metrological traceability of at -site measurements
- ◇ Use of results of inter-laboratory comparison data and proficiency testing schemes, traceability of the assigned value
- ◇ Development of metrological tools (reference materials, reference methods, calibration, PT schemes, measurement uncertainty etc.) to ensure the traceability of measurement results in metrology in chemistry.
- ◇ Measurement and standards needs to support sustainability assessment:

- ◇ New needs for traceability (computer-based instrumentation, automatic test and calibration systems, on site calibrations and tests, self-calibration and internet measurements, wireless sensor networks, dynamic quantities, extreme measurement conditions, software requirements incorporating metrological knowledge).

The conference will be organized with invited lectures, oral presentations, posters and round tables.

***The programme is being elaborated.***

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