

## CCM pilot study

validation of the procedures for the future realization and dissemination [CCM recommendation G1 \(2013\)](#)

The [CCM pilot study of 1 kg mass standards](#), calibrated with relation to primary realization experiments for the unit of mass has started. The travelling standards from LNE, NIST, NMIJ, NRC and PTB arrived at the BIPM during April 2016. The Pilot Study is being performed using two sets of 1 kg travelling standards provided and calibrated by each of the participating laboratories. It will test the uniformity of independent realizations of the mass unit and the consistency with the present kilogram definition. Mass comparisons among these transfer standards are under way and the weighing campaign is expected to finish in July. The transfer standards will then be returned and their mass stability verified by the participants. The Pilot Study measurements are expected to be completed by the end of October 2016. Concurrently with this comparison, the artefacts of the [BIPM Ensemble of Reference Mass Standards](#) will be calibrated with respect to the primary mass standards.

## Promotion of the Redefinition of the SI



In order to help coordinate the redefinition of the [International System of Units \(SI\)](#), which is expected to be adopted in 2018, the CIPM has set up a [task group](#) of communications professionals from NMIs.

- The task group held its first meeting in January 2016 at the BIPM.
- In April 2016 the task group sent out a [short questionnaire](#) to NMIs to obtain an overview of the promotional material that already exists and to determine the material for development by NMIs.

## Robert Spurny (1949 - 2015)



We are saddened by the news that Ing. Robert Spurny, CCM delegate from SMU (Slovakia) for many years, passed away on 21 December 2015. Robert attended CCM meetings for almost 30 years, starting from the very first in 1981. He had a great aptitude for designing specialty weighing equipment and was happy to share his expertise with CCM colleagues.

## CIPM MRA review, KCDB and JCRB



- The [Working Group on the Implementation and Operation of the CIPM MRA](#) held its first meeting at the BIPM on 14-15 March 2016. The Working Group made a series of recommendations which address the questions raised after the [MRA Review Workshop last October](#). The CCs are particularly concerned with the recommendations on managing the level of participation in KCs more effectively, on constraining the proliferation of CMCs and on improving the efficiency of the CMC review processes. The recommendations will be discussed during the meeting of NMI Directors in October.
- The [outcomes of the 35th JCRB meeting](#) (16-17 March 2016) are now available.
- The [service categories for Density](#) has been revised. All CMC declarations published under the sub-category “2.2 Density of liquid” have been updated on the KCDB.
- The first comparison of GULFMET [GULFMET.M.M-S1](#) has been registered on the KCDB.
- The Final Reports of the following comparisons have been published in the KCDB:

▪ <a href="#">CCM.D-K4</a>	▪ <a href="#">APMP.M.P-S5</a>	▪ <a href="#">EURAMET.M.D-S1</a>	▪ <a href="#">SIM.M.M-K4</a>
▪ <a href="#">CCM.T-K2</a>	▪ <a href="#">APMP.M.P-S6</a>	▪ <a href="#">EURAMET.M.D-S2</a>	▪ <a href="#">SIM.M.M-K5</a>
▪ <a href="#">CCM.F-K2.a.1</a>	▪ <a href="#">COOMET.M.F-S2</a>	▪ <a href="#">EURAMET.M.M-S8</a>	▪ <a href="#">SIM.M.M-S9</a>