

Towards the redefinition of the mass unit

- The results of the calibration campaign with respect to the international prototype of the kilogram, in anticipation of the redefinition of the kilogram, part II: evolution of the BIPM as-maintained mass unit from the 3rd periodic verification to 2014, have been published in *Metrologia*.
- The first accepted contributions for the *Metrologia* Focus Issue on Realization, Maintenance and Dissemination of the Kilogram are now available.
- The measurements at the BIPM for the CCM pilot study of 1 kg mass standards, calibrated with relation to primary realization experiments for the unit of mass are complete. The transfer standards have been returned and their mass stability has been verified by the participants. The analysis of the measurement data is finalized. The Draft A report has been sent to the participants for comments.

Rules for Membership and Observership of the CCs

The rules for Membership and Observership of the Consultative Committees (CCs) were revised by the CIPM at its meeting in October 2016:

- all Member States will have the right for one national laboratory charged with establishing national standards in the field to be an Observer at the applicable CC and to send one person (only) and following their request for each meeting. Document CIPM-D-01 will be updated.
- for all meetings in 2018 and after:
 - International organisations will be referred to as « liaisons » and will not be offered membership.
 - Named individuals will be « guests » or « experts » and will not be offered membership.
- all CCs will review whether their Members and permanent Observers fully meet the criteria given in CIPM-D-01.

CCM meetings

- The convocation to the 16th meeting of the CCM in May 2017 will be sent to the members and observers of the CCM in the near future. As the last meeting in 2015, all members are required to submit a written activity report, covering the time period 2015-2016, by 20 April 2017.
- The complete collection of CCM meeting reports are now available on the CCM website.

CIPM MRA review, KCDB and JCRB



- The report of the Working Group on the Implementation and Operation of the CIPM MRA is now available. It includes a set of “Key Points” relating to the future of the CIPM MRA and a number of recommendations. The recommendations were welcomed by the CIPM at its meeting in October 2016, in which the CIPM agreed to establish a Sub-Committee to oversee the implementation of the recommendations with agreed terms of reference.
- The CCM Guidelines for approval and publication of the final reports of key and supplementary comparisons has been revised and approved by the CCM Working Group on Strategy. The modifications were mainly clarifications on reporting comparisons, which were in line with the JCRB resolution 34/1 and the addition of an appendix dealing with the impact on CMC claims.
- The Final Reports of the following comparisons have been published in the KCDB:

▪ <u>CCM.M-K7</u>	▪ <u>APMP.M.F-S1</u>	▪ <u>EUROMET.M.D-K2</u>	▪ <u>EURAMET.M.P-K8</u>
▪ <u>CCM.FF-K2.2015</u>	▪ <u>APMP.M.T-S1</u>	▪ <u>EURAMET.M.F-S3</u>	▪ <u>EURAMET.M.P-S9 (1st loop)</u>
▪ <u>CCM.P-K15</u>	▪ <u>SIM.M.FF-S7</u>	▪ <u>EURAMET.M.F-S4</u>	
▪ <u>CCM.P-K4.2012</u>	▪ <u>SIM.M.F-S5</u>		