Bureau International des Poids et Mesures

Dissemination of the kilogram



- The first Consensus Value for the dissemination of the kilogram has been determined by the CCM-TGPfD-kg after the completion of the first key comparison of the realization experiments CCM.M-K8.2019. A summary note, as well as a more detailed note on the calculation of the Consensus Value for the kilogram 2020, are available on the <u>CCM-TGPfD-kg webpage</u>.
- Traceability for the SI unit of mass will be taken from the Consensus Value of the kilogram 2020 commencing 1 February 2021. We will then enter a new phase, Phase 2, for the dissemination of the kilogram according to the CCM detailed note on the dissemination process after the redefinition of the kilogram. No adjustment to the international mass scale is necessary as a result of the change in traceability. However, an adjustment to some published CMCs will be needed to take into account the uncertainty of 20 µg in the Consensus Value. Draft adjustments will be calculated by an *ad hoc* Task Group of the <u>CCM-WGM</u> and circulated to the affected NMIs for approval.

18th meeting of the CCM

- The 18th meeting of the CCM as well as the WG meetings will be held as video conferences due to the COVID-19 sanitary situation.
- The CCM Plenary meeting will take place from Thursday 20 to Friday 21 May 2021 as initially planned. It will be held as two on-line meetings each of 2 hours with a shortened agenda.
- The CCM Working Groups will meet during the period from Monday 19 to Friday 30 April 2021.

Retirement of Dr Kenichi Fujii

Dr Kenichi Fujii from NMIJ served the Working Group on Density and Viscosity as Chair from 2014 to 2019 and Vice-chair from 2019. Many thanks go to Kenichi for his valuable contributions and continuous commitment.



CIPM MRA documents update

- The <u>CIPM MRA documents webpage</u> has been updated with <u>a new suite</u> of documents, including three policy documents CIPM MRA-P-11 (P-12, P-13) and three Guideline documents CIPM MRA-G-11 (G-12, G-13).
- A JCRB Task Group will initiate a technical review of the statistical criteria in guideline CIPM MRA-G-11, and report and propose recommendations at the 43rd meeting of the JCRB which will take place in March 2021.

Comparisons

KCDB

- The Final Reports of the following comparisons have been published since the launch of the KCDB 2.0:
 - CCM.FF-K3.2011.1
 - CCM.G-K2.2017
- COOMET.M.FF-S2
- COOMET.M.FF-S8
- EURAMET.M.D-K1.1
- EURAMET.M.FF-K4.1.2016
- GULFMET.M.M-K4
- GULFMET.M.M-K7

- CCM.M-K8.2019
- AFRIMETS.M.FF-K4.2.2015
- APMP.M.H-K1.b
- <u>APMP.M.H-K1.c</u>
- APMP.M.P-K1.c.2
- APMP.M.P-K9
- APMP.M.P-S9

- COOMET.M.FF-S9
- COOMET.M.H-S4
- COOMET.M.H-S5
- COOMET.M.P-S4
- SIM.M.F-S4
- <u>SIM.M.M-S16</u>
- SIM.M.T-S2
- <u>SIM.M.P-S10</u>

- EURAMET.M.G-K3
- EURAMET.M.M-K4.2015
- EURAMET.M.P-K1.c
- EURAMET.M.P-K15.1
- EURAMET.M.FF-S10
- EURAMET.M.H-S1.a.b.c
- EURAMET.M.P-S13

- GULFMET.M.F-S1
- GULFMET.M.F-S2
- GULFMET.M.M-S1
- GULFMET.M.M-S2
- GULFMET.M.P-S1