

## Final Agenda for the 16th meeting of CCM

**Venue:** Pavillon du Mail, BIPM, Sèvres, France.

**Start:** Thursday 18 May 2017 at 09:00

1. Opening of the meeting; President's remarks; designation of a rapporteur.
2. CCM strategy (update) and redefinition of the kilogram
  - News from the CIPM;
  - Joint CCM&CCU Roadmap to 2018;
  - CCM Guidelines (publication of reports) update;
  - Comments on technical reports from the members.
3. Reports of the Working Groups on
  - 3.1 *Density and viscosity;*
  - 3.2 *Force;*
  - 3.3 *Pressure and vacuum;*
  - 3.4 *4 Hardness;*
  - 3.5 *Fluid Flow;*
  - 3.6 *6 Gravimetry;*
  - 3.7 *Realization of the kilogram*

Report on progress in complying with CCM Recommendation G1 (2013)

    - Recent experimental results, outlook;
    - Pilot study (primary realizations) and on-going Key Comparison;
    - Final approval of the mise en pratique of the new definition of the kilogram;
    - Focus issue of Metrologia 2016 (mise en pratique of the new definition of the kilogram);
    - Review of the situation with the CCM conditions.
  - 3.8 *Dissemination of the kilogram*
    - Dissemination with the BIPM ensemble of reference mass standards (Status, traceability to primary realisations, assigned value and uncertainties).
4. Technical work at the BIPM (and programme of work of the BIPM)
  - Maintenance of the BIPM traceability chain and new procedure for the use of the BIPM working standards;
  - BIPM ensemble of reference mass standards and BIPM watt balance.
5. Draft version of the 9th Edition of the SI Brochure.

6. Possible Recommendation of the CCM to the CIPM.

7. RMO, JCRB and KCDB activities regarding Technical Committees in the mass area

- Update from the JCRB Executive Secretary;
- Presentation on KCDB 2.0;
- Reports on TCM and TCFE activities in AFRIMETS, APMP, COOMET, EURAMET, GULFMET, SIM.

8. Administrative issues

- Review of Working Group terms of reference, membership and chairs;
- Confirmation of CCM and RMO KCs in progress.

9. Other technical advances in the field of Mass and Related Quantities not yet presented above

- Technical presentation of DFM (potential new CCM Official Observer);
- Other technical work (potential subjects: new watt balance concepts, Si sphere dissemination, studies on mass storage, recent results on surface analysis of mass standards).

10. Review of action items and deadlines.

11. Next meeting and any other business.

Adjourn.

*Laboratory visits (Mass and Kibble Balance)*