

## **Draft Agenda for the 17th meeting of CCM – 16-17 May 2019**

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

**Start:** Thursday 16 May 2019 at 09:00

1. Opening of the meeting; President's remarks; designation of a rapporteur.
2. CIPM, CGPM and BIPM.
3. Actions arising from the minutes of the 16th CCM meeting in 2017.
4. CCM Working Group on Strategy and MRA coordination
  - CCM Strategy;
  - CIPM MRA issues;
  - Review of CCM and RMO KCs;
  - Comments on technical reports from the members and reports from RMO TCMs.
5. Reports of the Working Groups on
  - 5.1 *Density and viscosity;*
  - 5.2 *Force and Torque;*
  - 5.3 *Pressure and vacuum;*
  - 5.4 *Hardness;*
  - 5.5 *Fluid Flow;*
  - 5.6 *Gravimetry;*
  - 5.7 *Realization and dissemination of the kilogram.*
6. Report of the CCM Task Group on the Phases for the Dissemination of the kilogram following redefinition.
7. Technical work at the BIPM and programme of work of the BIPM.
8. Revised SI (SI brochure, implementation date, communication). Possible Recommendation of the CCM to the CIPM.
9. Possible Recommendation of the CCM to the CIPM.
10. Updates from JCRB and KCDB.
  - Update from the JCRB;
  - Update from the KCDB (KCDB 2.0).
11. Review of Working Group terms of reference, membership and chairs.
12. Technical presentation of INMETRO (potential new CCM member)

13. Technical talks on new activities in the field of Mass and Related Quantities

- The revised SI: Challenges and opportunities for mass and related quantities;
- The Kibble balance: measuring mass and related quantities in the revised SI;
- Gravity measurements supporting Kibble balances;
- Silicon spheres for the realization of the new kilogram definition;
- Realization of small mass, force and torque measurements based on the new definition of the kilogram;
- The NIST Magnetic Suspension Mass Comparator for Vacuum-to-Air Transfer of the Unit of Mass: Current Status;
- Real-time contamination monitoring on mass standards stored in inert gas;
- Traceable desorption and outgassing rate measurements.

14. Review of action items and deadlines.

15. Next meeting and any other business.

Adjourn.

**The meeting will close on Friday 17 May 2019 at about 15:30**

***Optional Laboratory visits after meeting (Mass and Kibble Balance)***