

Agenda for the 19th meeting of CCM – 25-26 May 2023

Venue: Pavillon du Mail, BIPM, Sèvres, France, with the possibility to attend online

Day 1: Thursday 25 May 2023 (09:00-18:00, UTC+2)

1. Opening
2. News from CIPM, CGPM and BIPM
3. Actions arising from the 18th meeting of the CCM
4. Report of the CCM Working Group on Strategy and MRA coordination
5. Report of the CCM Task Group on the Phases for the Dissemination of the kilogram following redefinition

Workshop on new activities and digitalization: Part I

- *Recent developments of tabletop Kibble-based technologies at NIST: a step towards commercialization*
 - *Accurate density measurements for global environmental science*
 - *Climate change and Environment: needs and challenges to be addressed by the CCM*
 - *Atomic sensors metrology for long term and trustable monitoring of climate change*
- Key Geodetic Parameters*

6. Reports of the CCM technical Working Groups
 - 6.1 Density and viscosity
 - 6.2 Fluid Flow
 - 6.3 Force and Torque
 - 6.4 Gravimetry
 - 6.5 Hardness
 - 6.6 Pressure and vacuum
 - 6.7 Mass
7. Technical work at the BIPM and programme of work of the BIPM
8. Possible Recommendation of the CCM
9. Comments and questions on reports from the Members and from RMOs
10. Technical presentations of potential new CCM Members: UME and NIS

Day 2: Friday 26 May 2023 (09:00-13:00, UTC+2)

11. Updates from JCRB and KCDB

11.1 JCRB

11.2 KCDB

12. Digital Transformation: Towards a SI Reference Point

13. Review of Working Group terms of reference, membership and chairs

14. Decisions and actions

Workshop on new activities and digitalization: Part II

- *ComTraForce - EMPIR project for continuous and dynamic force measurements*
- *How digitalisation might support CCM's areas of interest*
- *Actionable Key Comparisons*
- *Digitalization and the European Weighing Market*

15. Next meeting and any other business

Adjourn.

Optional visit of the BIPM Kibble balance laboratory after the meeting