

Draft Agenda
for the 29th meeting of the CCEM
(Thursday, 12 March, and Friday, 13 March 2015, at the BIPM)

1. Actions arising from the minutes of the 28th CCEM meeting in 2013

2. News from the CIPM, CGPM and BIPM

3. Matters related to fundamental constants and the SI

- 3.1 Report of the CCEM working group on electrical methods to monitor the stability of the kilogram, WGKG
- 3.2 Report from the task group on the new SI and from WGS1
 - 3.2.1 Presentation of the NIST Lego table top watt balance (J. Pratt, NIST)
- 3.3 Report from the CODATA task group on fundamental constants
- 3.4 Status of the proposed redefinitions of some of the SI base units
 - 3.4.1 Report from the CCU, status of the 9th edition of the SI brochure
 - 3.4.2 Review of the proposed wording of the definition of the ampere

4. Major developments in quantum electrical standards

- 4.1 Advances in user-friendly quantum Hall resistance standards based on graphene (F. Schopfer, LNE)

5. Report of the CCEM Working Group on Low Frequency Quantities, WGLF

- 5.1. Status of the ongoing and planned CCEM comparisons at dc or low frequency ac
- 5.2. Discussion of proposed key comparisons
- 5.3. Other information from WGLF

6. Report of the CCEM Working Group on Radiofrequencies, GT-RF

- 6.1 Status of the ongoing and planned CCEM comparisons in the RF range
- 6.2 Discussion of proposed key comparisons
- 6.3 Other information from GT-RF
- 6.4 Waveform characterization (P. Hale, NIST)

7. Report of the CCEM Working Group on RMO Coordination, WGRMO

8. Review of challenges for metrology in electromagnetism and CCEM strategic objectives

9. CCEM input to the NMI Directors' workshop on the CIPM MRA

10. Report on the work programme of the BIPM Electricity Department

11. Highlights of scientific developments from the laboratory reports on new activities in electricity and magnetism

12. Review of membership

- 11.1 Review of membership and chairs of CCEM working groups
- 11.2 Requests for membership or observership of CCEM
 - 11.2.1 CENAM (Mexico) requests member status
 - 11.2.2 SCL (Hong Kong) requests observer status

13. Miscellaneous questions

- 13.1 Policy on public availability of CCEM working documents
- 13.2 Liaisons with other organization

14. Approximate date of the next meeting