



*24th Meeting of the Consultative Committee for Time and Frequency, Session 2
18-19 September 2025 - BIPM*

Agenda (16/09/2025)

September 18

Paris time h 9 – 18.30

- 9.00 – 9.20 1. Opening of the meeting, tour de table, appointment of a rapporteur (N.Dimarcq CIPM)
- 9.20 – 9.30 2. BIPM news (M.Milton, BIPM)
- 9.30 – 9.40 3. **CCTF activity, achievements, goals** (N. Dimarcq CIPM)
- 9.40 – 10.15 4. **Report** Joint CCL-CCTF FS (S. Bize SYRTE)
5. *Draft CCTF recommendation CCTF25 FS1*
6. **Report** WG PSFS (S. Weyers PTB)
- 10.15 – 10.45 *Coffee break*
- 10.45 – 12.15 **Updating the Roadmap for the redefinition of second**
7. *Introduction* (N.Dimarcq CIPM)
8. *OPTIONS* (S. Bize SYRTE; E. Peik PTB; F. Fang NIM)
9. *CRITERIA* (D Calonico INRIM; T. Ido NICT; S. Weyers PTB)
10. *EDUCATION and COMMUNICATION* (G. Mileti Uni Neuchatel)
11. Updated roadmap and possibilities for a new definition (N.Dimarcq CIPM)
12. *Draft CGPM resolution B*
- 12.15 – 12.30 13. **How the second was defined in 1967: an historical perspective** (G.Mileti Uni Neuchatel)
- 12.30 – 14.00 *lunch*
- 14.00 – 15.00 **Towards continuous UTC** (J. Levine NIST retired, P. Tavella BIPM)
14. Report on the activities and way forward
15. Report from IUGG-IAU-IERS (D. Mc Carthy (IAU)
16. Report from ITU-R WP7A (J. Achkar ITU)
17. *Draft CGPM resolution C*
- 15.00 – 15.30 *Coffee break*
- 15.30 – 16.30 **Lunar Reference Time** (P. Defraigne, ORB, P. Tavella, F. Meynadier BIPM)
18. Report from IAU (D. Mc Carthy (IAU)
19. Report on the CCTF activities and way forward
20. Report from URSI (A. Sen Gupta, URSI)
21. *Draft CGPM resolution D*
- 16.30 – 17.00 Draft recommendation discussion
- 17.00 – 18.30 Reception

September 19

Paris time h 9.00 – 17.00

- 9.00 – 9.10 Opening of the meeting
- 9.10 – 9.55 **Activities and prospects on:**
- 22. **Digitalization**, (C. Rieck, RISE)
 - 23. SI reference point (F. Meynadier, BIPM)
 - 24. **Quantum technologies**, (D. Calonico, INRIM)
- 9.55 – 10.15 25. **Sharing resources to improve international timekeeping** (E. Donley, NIST retired)
Live demo
- 10.15 – 10.45 *Coffee break and photo*
- 10.45 – 11.15 26. **Report** WG TAI (N. Dimarcq, CIPM),
27. WG Algorithms (E. Donley, NIST retired),
- 11.15 – 11.35 28. **Promoting the mutual benefit of UTC and GNSS** (M. Wouters NMIA, P. Defraigne, ORB),
11.35 – 12.30 29. **Report** from WG GNSS (P. Defraigne, ORB)
30. *Draft CCTF recommendation CCTF25 GNSS1*
31. **Report** WG MRA (C. Matthee, NMISA)
32. **Report** from IGS (M. Coleman, IGS)
- 12.30 – 13.30 *lunch*
- 13.30 – 14.00 33. **Report** WG TWSTFT (C. Rieck, RISE),
34. WG ATFT (D. Calonico, INRIM)
- 14.00 – 15.00 **BIPM Time Department**, 60 min
35. strategic planning/liaison
36. Status UTC, Rapid UTC, TT(BIPM2024)
37. IPPP for UTC and UTC(k)
38. TFEX a new format for time transfer
- 15.00 – 15.30 *Coffee break*
- 15.30 – 15.50 **CCTF observers and members application**
39. Member: MIKES VTT Finland (10 min)
40. Obs: SASO Saudi Arabia (5 min),
41. Obs: INTI Argentina (5 min)
discussion
- 15.50 – 16.10 42. **CCTF Strategy Document**
Report CCTF WG SP
CCTF WG structure and chairs
- 16.10 – 16.40 Discussion and final recommendations/ draft resolutions
- 16.40 – 17.00 43. **Conclusion way forward, plans for CGPM 2026 and next CCTF 2027 and 2029**