

**21st Meeting of the Consultative Committee for Time and Frequency**  
**BIPM, 8-9 June 2017**

Draft agenda (31/05/2017)

1. Opening of the meeting: appointment of a rapporteur
2. Review of actions since the last CCTF meeting
  - In memoriam Bernard Guinot
3. Report of the BIPM Time Department (F. Arias, BIPM)
4. Progress in frequency standards:
  - 4.1. Operating primary and secondary frequency standards and new standards under development (Delegates)
  - 4.2. Report of the CCTF Working Group on Primary and Secondary Frequency Standards (S. Jefferts, NIST)
  - 4.3. Frequency standards in TAI and realisation of TT(BIPM) (G. Petit, BIPM)
5. Time scales UTC and TAI:
  - 5.1. Report of the CCTF Working Group on TAI (F. Arias, BIPM)
    - 5.1.1. Task Group on Time Scales Definition
    - 5.1.2. Future actions in cooperation with the ITU and other international organizations
  - 5.2. Status of the algorithms for TAI (G. Panfilo, BIPM)
  - 5.3. Report on Rapid UTC (G. Petit, BIPM)
  - 5.4. Reports on progress on other time scales (Delegates)
6. Time and frequency transfer methods:
  - 6.1. Report of the CCTF Working Group on TWSTFT (V. Zhang, NIST)
  - 6.2. Report of the WG on GNSS (P. Defraigne, ORB)
  - 6.3. GNSS calibrations for UTC (BIPM, RMOs, delegates)
  - 6.4. GNSS processing techniques (BIPM, delegates)
  - 6.5. Report on activities at the International Committee for GNSS (ICG) (G. Petit, BIPM)

16 h: Lecture in commemoration of the 50<sup>th</sup> anniversary of the atomic definition of the second by the CGPM:  
 “The History of the Second” by Dr Dennis McCarthy
7. New standards and accurate comparison techniques
  - 7.1. Report of the CCL/CCTF Working Group on the Secondary Representations of the Second (F. Riehle, PTB and P. Gill, NPL)
  - 7.2. Report of the CCTF WG on coordination of the development of advanced time and frequency transfer techniques (F.-L. Hong, NMIJ)
    - 7.2.1. Report on the status of fibre links (D. Calonico, INRIM)
8. CIPM MRA and RMOs
  - 8.1. Report on the work of the CIPM ad-hoc WG on implementing the recommendations from the review of the CIPM MRA (L. Erard, CIPM)
  - 8.2. Report of the CCTF WG on the CIPM MRA (M. Lopez Romero, CENAM)
  - 8.3. Reports from RMOs Technical Chairs
9. Space-time references and general relativity
  - 9.1. Report on the IERS Conventions Product Centre (G. Petit, BIPM)
  - 9.2. News on the IAG Working Group on Relativistic Geodesy (G. Petit, BIPM)
  - 9.3. News from the international organizations
10. Strategic planning
  - 10.1. Proposal for the BIPM Time Department programme of work for 2020-2023 (F. Arias, BIPM)
  - 10.2. Report of the Strategic Planning Working Group
  - 10.3. CCTF Working Group structure and chairs
11. Recommendations
12. New rules for CCs membership (L. Erard, CIPM)
  - 12.1. Consideration of requests for membership/observership
13. Other business