WGTAI/25-00

CCTF Working Group on International Atomic Time

Meeting of the UTC contributing laboratories

Sept 12, 2025 BIPM (h 9:00 – 18:00)

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| **1.Welcome and introduction** | 09h00-09h05 | N. Dimarcq |
| **2.News from CCTF:**Redefinition of the second, continuous UTC, Moon Time, CBKT training program  | 9h05-9h30 | N. Dimarcq and P. Tavella |
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| **3.Report of the BIPM Time Department** | 9h30-10h20 |  |
| 3.1 News from the Time dept |  | P. Tavella |
| 3.2 Performance of UTC/UTCr and update in the data analysis and algorithm, PSFS |  | G. Panfilo |
| 3.3 Time transfer links in UTC/UTCr: GNSS, IPPP |  | G. Tagliaferro |
| 3.4 Time transfer links in UTC/UTCr: TW+TFEX |  | F. Meynadier |
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| **Coffee Break** | 10h20-10h50 |  |
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| **4.Report of the CCTF related WGs** | 10h50-11h50 |  |
| 4.1 Current status of GNSS Rx calibrations, possible recommendations by WG GNSS |  | P. Defraigne |
| 4.2 Traceability to UTC through GNSS measurements MRA new services |  | M. Wouters |
| 4.3 Digitalization activities in the CCTF |  | R. Carsten |
| 4.4 PSFS in UTC  |  | G. Panfilo |
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| **5.Participation to UTCr advantages and commitment** | 11h50-12h45 |  |
| 5.1 Introduction  |  | G. Panfilo |
| 5.2 TL |  | S.-Y. Lin |
| 5.3 NIST |  | A. Novick |
| 5.4 GUM  |  | A. Czubla |
| 5.5 CENAM |  | C. A. Ortiz Cardona |
| 5.6 INRIM |  | I. Sesia |
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| **Lunch** | 13h00-14h00 |  |
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| **6.Laboratories data submission and BIPM products** | 14h00-15h45 |  |
| 6.1 Input data to the BIPM and availability of BIPM products |  | A. Harmegnies |
| 6.2 Results from the survey and needs of updated products |  | A. Harmegnies |
| 6.3 Clocks and links data quality |  | F. Collini |
| 6.4 How to improve the data quality?  6.4a CBKT courses 6.4b Sharing resources |  | V. BharathF. Collini and P. Tavella |
| 6.5 Discussion |  |  |
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| **Coffee break** | 15h45-16h15 |  |
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| **7.Realization, monitoring, validation of UTC(k) and data provision automatization**.  | 16h15-17h00 |  |
| 7.1 NRC: data validation procedures and UTC(k) real-time monitoring (online) |  | S. Beattie |
| 7.2 NICT: Realization of UTC(k) at NICT using an OpticalLattice Clock |  | H. Hachisu |
| 7.3 UA: use of an inexpensive receiver for monitoring UTC(UA) |  | V. Soldatov |
| 7.4 NPL: using a Cs fountain operating with high uptime for monitoring and validating UTC(NPL) |  | J. Whale |
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| **8. Conclusions and recommandations** | 17h00-17h30 | N. Dimarcq |
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