

Draft Agenda for the BIPM Workshop on “Advanced Time and Frequency Transfer: the ultimate frontier for remote comparison methods”

Venue: Pavillon du Mail, BIPM, Sèvres, France.

Start: Thursday 10 October 2019 at 09:00

09.00-09.05 Opening address of the Workshop
[Prof. Joachim Ullrich (PTB) and Dr Davide Calonico (INRIM), Chairs of the Workshop]

09:05 - 09:15 Introduction on CCTF WGATFT activity
[Dr Davide Calonico, INRIM (Italy)]

Session 1: Chair: Prof. Joachim Ullrich, (CCU President)

09.15-10.00 Global quantum communication and precise time frequency dissemination
[Dr Pan Jian-Wei, University of Science and Technology (China)]

10.00-10.45 Optical two-way time and frequency transfer over terrestrial free space links with frequency combs
[Dr Nathan Newbury, NIST (USA)]

10.45-11.30 Tea / Coffee Break

11.30-12.15 Optical time synchronization in the Kepler satellite navigation system
[Prof. Dr Christoph Günther, DLR (Germany)]

Session 2: Chair: Dr Helen Margolis (NPL)

12.15-13.00 Intercontinental Frequency link via VLBI
[Dr Mamoru Sekido, NICT (Japan)]

13.00-14.00 Lunch

14.00-14.45 White Rabbit: accurate time and frequency transfer using standard-based technology
[Dr Maciej Lipinski, CERN (Switzerland)]

14.45-15.30 Coherent optical fibre links: clock comparisons and beyond
[Dr Davide Calonico, INRIM (Italy)]

15.30-16.00 Tea / Coffee Break

Session 3: Chair: Dr Davide Calonico (Chair of CCTF WG-ATFT)

16.00-18.00 Panel discussion: “Moving forward with remote comparison and dissemination in time and frequency”

18.00 Close of the meeting