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