**CCTF Technical Exchange Meeting III**

**organized by the WG TAI and WG ALGO**

**The fundamentals of getting started as a UTC contributor.**

**May 15, 2024, h 12-14 UTC**

**Agenda**

1. **Hardware and software requirements for a UTC(k) Time scale lab**

 **Duration:** 40 Minutes (30 minutes + 10 minutes for questions)

 **Speaker:** Jeff Sherman (NIST)

 **Overview:** Building blocks of a timescale, required measurements, UTC traceability, and the definition point of UTC(k)

1. **GNSS time transfer link with BIPM: Measurements and Calibration**

**Duration:** 40 Minutes

**Speakers:** Calvin Lin (TL) and Giulio Tagliaferro (BIPM)

**Overview:** GNSS receivers, transfer calibration process, link uncertainty, reference delay measurements.

1. **Technical Guidelines of the BIPM and CCTF to the participation in UTC**

 **Duration:** 25 Minutes

 **Speakers:** Patrizia Tavella and Aurelie Harmegnies (BIPM)

 **Overview:** Prerequisites for a UTC lab, WG TAI activity and participation in UTC, general technical guidelines for UTC labs, BIPM time department database and FTP server.

1. **CGGTTS data validation**

**Duration:** 15 minutes

**Speaker:** Bharath Vattikonda (NPLI/BIPM)

**Overview:** CGGTTS data format description and demonstration of the software tool for the CGGTTS data analysis with the Common view and All-in-view methods.

1. **Discussion and wrap up**