**Demo system for remote time and frequency transfer and traceability through GNSS**

1. **GNSS time transfer and Remote traceability**

**References:**

* GPS COMMON-VIEW TIME TRANSFER
* LIANG Kun, ZHANG Aimin, GAO Xiaoxun, WANG Weibo, NING Dayu，ZHANG Side, Study and Development of a New GNSS Receiver for Time and Frequency Transfer, EFTF 2012.
* [Liang, Kun](javascript:top.frames[1].rp(3,%2011,%201456);); [Jin, Zhaofeng](javascript:top.frames[1].rp(3,%209,%201092);); [Pei, Chao](javascript:top.frames[1].rp(3,%2015,%201941);); [Zuo, Fei](javascript:top.frames[1].rp(3,%2025,%202983);); [Zhang, Aimin](javascript:top.frames[1].rp(3,%2025,%202909);), Preliminary Implementation of Time and Frequency Transfer by BDS, Proceedings of [IFCS-EFTF2013](javascript:top.frames[1].rp(2,%208,%20147);).

1. **RTRC system and NIMDO**

**References:**

* LIANG Kun, et al. Disciplined Oscillator System by UTC(NIM) for Remote Time and Frequency Traceability. EFTF2014
* [Liang, Kun](javascript:top.frames[1].rp(3,%2011,%201456);); [Zuo, Fei](javascript:top.frames[1].rp(3,%2025,%202983);); [Pei, Chao](javascript:top.frames[1].rp(3,%2015,%201941);); [Zhang, Side](javascript:top.frames[1].rp(3,%2025,%202925);); [Zhang, Aimin](javascript:top.frames[1].rp(3,%2025,%202909);), Real-Time Remote Calibration (RTRC) System for Time and Frequency, Proceedings of [IFCS-EFTF2013](javascript:top.frames[1].rp(2,%208,%20147);).

1. **How to demonstrate this process for the public**

**We can demonstrate:**

* in the lab-lab system
* in the web-webpage(maybe some simple animation)

**They can understand easily:**

* significance
* basic principles
* one typical application