

Optically Steered Time Scale Generation at OP and NPL and Remote Comparisons

Tuesday 17 October 2023 11:30 (30 minutes)

We will present real-time optically steered timescales generated at the same time at OP and NPL. After a detailed description of the experimental chains, we will present the implemented algorithms for outlier filtering and frequency steering estimations. We will then analyse the performance of the experimental timescales based on local comparison against the local UTC(k) and remote comparisons performed via UTC and using the GPS Precise Point Positioning (PPP) technique, before presenting strategies for improvement.

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