

**Antoine Baudiquez -
Operational Enhancement of
IPPP Toolbox with Analysis
and Comparison of IPPP Links**

**Rapport sur les
contributions**

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In this research, we delve into the application of Precise Point Positioning with Integer Ambiguity Resolution (IPPP) and the operational improvements undertaken on the IPPP toolbox at the Bureau International des Poids et Mesures (BIPM). We discuss the ongoing implementation of this toolbox at the Paris Observatory (OP) and conduct a comparative analysis involving different receivers at OP. Furthermore, we scrutinize IPPP links over a 200-day duration, highlighting the challenges associated with maintaining continuous links. Additionally, we perform an 89-day comparison between IPPP and optical fiber links, evaluating their performance using various software.

This study offers insights into the operational enhancements of the IPPP toolbox, its practical implementation at OP, and the outcomes of comparative assessments, shedding light on its potential applications in time and frequency transfer.

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