

MINOS Timing and GPS Precise Point Positioning

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An overview is presented of the structure of the timing and GPS aspect of the MINOS experiment. Some timing results are presented and analysis is performed to estimate the real-world timing accuracy obtainable using collected data. An overview of the Precise Point Positioning (PPP) method of analyzing GNSS receiver data is also included as well as the specific application of PPP to precise timing. Timing between timing labs of different baselines is investigated to examine precision and accuracy at varying baselines.

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