

## Analysis of AFP ToF data from early LHC Run-3

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The analysis of the early LHC Run-3 data was performed. Efficiencies for the ATLAS Forward Proton (AFP) Time-of-Flight (ToF) detector were studied. In addition, these performance studies of the ToF data included the proton-proton vertex reconstruction using matching of ToF and central ATLAS vertex position. After a calibration, a preliminary resolution of the vertex reconstruction was determined with a low-mu ATLAS run.

**Author:** LYSENKO, Viktoriia (Czech Technical University in Prague (CZ))

**Presenter:** LYSENKO, Viktoriia (Czech Technical University in Prague (CZ))