

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



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Type: **Parallel talk**

Overview of ATLAS forward proton detectors in Run 2 and outlook for Run 3 analyses.

Thursday, 30 March 2023 17:30 (20 minutes)

We describe the status of the ATLAS Forward Proton Detectors (AFP) in Run 2 and the outlook for Run 3 analyses.

The performance as well as Run 3 improvements of detector subsystems are discussed in detail. This includes the Tracking and Time-of-Flight Detectors, the electronics, the trigger, the readout, detector control and data quality monitoring.

Additionally, key physics results from the first AFP analyses are showcased.

Submitted on behalf of a Collaboration?

Yes

Participate in poster competition?

Primary authors: SOPCZAK, Andre (Czech Technical University in Prague (CZ)); LEWICKI, Maciej Piotr (Polish Academy of Sciences (PL))

Presenter: SOPCZAK, Andre (Czech Technical University in Prague (CZ))

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