

AFP Status and Prospects

Monday, 24 June 2019 14:20 (20 minutes)

The ATLAS Forward Proton (AFP) detectors since their installation in 2016 performed efficient to the data taking during the 2017 (RUN2) and they will participate at the upcoming RUN3 data taking also. In this talk the performance of the detectors will be unfolded, from the physics to the detectors including also the Time of Flight (ToF). We will discuss the upcoming challenging perspectives looking for Beyond Standard Model Physics, from Dark Matter searches and anomalous Quartic Gauge Couplings (aQGC) to the High Luminosity LHC (HL-LHC) era.

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