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ATLAS RPC time-of-flight performance

Monday, 6 February 2012 17:20 (20 minutes)

We show ATLAS RPC timing performance measured with proton-proton collisions and cosmic rays in data recorded by the ATLAS detector in 2011 at LHC.

In addition, we illustrate how RPC time-of-flight and spatial measurements can be used to determine particle velocity and direction at LHC.

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