

Abstract Submitted
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Status of the ATLAS Transitional Radiation Tracker RICHARD WALL, Duke University, ATLAS COLLABORATION — The ATLAS Transition Radiation Tracker (TRT) is a straw tube tracking system, which, together with the silicon tracking system, will provide precision measurements of particle tracks that are crucial for the discovery potential of the ATLAS detector at the Large Hadron Collider (LHC). Here we will overview the status of the TRT integration and commissioning, and discuss results on its alignment and tracking efficiency using recent cosmic-ray data. This understanding is important for optimizing the tracking and particle identification capabilities of the TRT for when physics results are expected in late 2007.

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