

Status for the ATLAS HGTD TDAQ system

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Most of the hardware components for the High Granularity Timing Detector (HGTD) are nearly ready. Consequently, the need for corresponding software for detector control and the data acquisition system has become increasingly urgent. The setup of the HGTD demonstrator also provides an excellent platform for software development and testing. This report presents recent progress on the TDAQ system, including the framework design, the status of the data acquisition system, the trigger distribution system, and the monitoring system. Furthermore, the recent integration with the ATLAS TDAQ system and results from the beam test using the full readout chain will be discussed.

Primary author: 王, 傲楠 (中国科学技术大学)

Presenter: 王, 傲楠 (中国科学技术大学)

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