

HGTD hybrid test at USTC

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The high-luminosity phase of the Large Hadron Collider at CERN aims to deliver an integrated luminosity of up to 4000fb^{-1} . In the upgrading, the High-Granularity Timing Detector (HGTD) will measure the times of minimum-ionising particles with an average time resolution of approximately 30 ps per track at the beginning of the operation of LHC. In this project, USTC is responsible for 10% of sensors and loading. This report will talk about the electronic test, connectivity test to the HGTD hybrid at USTC and give the summary to its performance.

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