

SAIP2013



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High Voltage Board for the Mobile Test Bench for the ATLAS Detector

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Abstract :

Wits is developing an electronics lab to serve the upgrade needs of read-out electronics of the ATLAS detector. A first step in this program is the development of a test bench, the MobiDick4 system, for the readout electronics of the Tile Calorimeter. The architecture of the MobiDick4 system will be reviewed. Emphasis will be made on the re-design of the High Voltage controller card. Additional functionality needs to be incorporated, absent in the previous design.

Award :

yes

Level :

PhD

Supervisor :

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Paper :

no

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