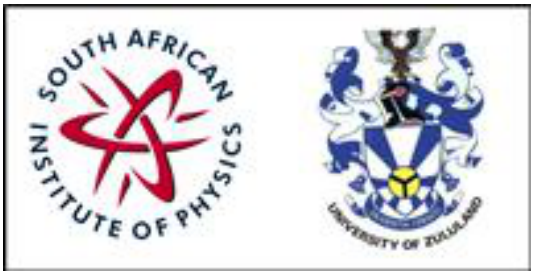

Contribution ID: **145** Type: **Poster Presentation**

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

Wednesday, 10 July 2013 17:40 (1 hour)

Abstract content
   (Max 300 words)

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.

Apply to be
 considered for a student
   award (Yes / No)?

yes

Level for award
 (Hons, MSc,
   PhD)?

PhD

Main supervisor (name and email)
and his / her institution

Bruce Mellado
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Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?

no

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