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SA hardware for Large Hadron Collider experiment

World News: 11:01 GMT Thursday 5th September 2013. [Engineering News via SPi World News]

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The University of the Witwatersrand (Wits), in Johannesburg, has supplied the first South African designed and built piece of hardware to the Atlas experiment of the Large Hadron Collider (LHC) at the European Organisation for Nuclear Research, better known as Cern. The hardware is a high voltage (HV) board. The HV board was developed by Wits Physics PhD student Robert Reed, who is a member of the recently created High Energy Physics Group (HEPG) of the Wits School of Physics. It was integrated into Atlas on September 2 (Monday). The LHC is currently shut down for a 24-month maintenance and upgrade programme, which started in February. The Wits HV board is used in a new mobile test system for Atlas, called the Mobile Drawer Integrity Checking system (perhaps inevitably acronymed to MobiDICK), and its primary function is to accurately and reliably produce high voltage.

Read More: <http://www.engineeringnews.co.za/article/sa-hardware-for-large-hadron-collider-experiment-2013-09-05>

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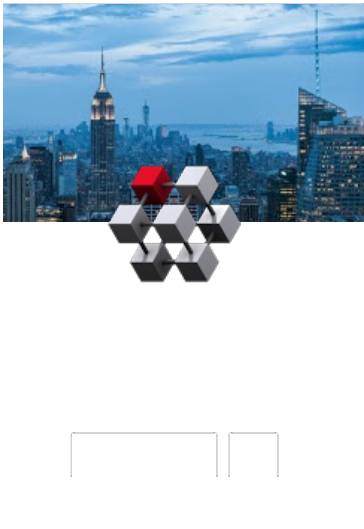
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