



## How to spot a Higgs

28 August 2012

The Wits Science Stadium auditorium was packed on Monday night when the School of Physics hosted a public lecture by Dr Trevor Vickey, Senior Lecturer in the School and a member of the Wits ATLAS collaboration.

His lecture entitled *Origins of Mass – Discovery of the Higgs-like boson told by the Wits SA-CERN team* focussed on the results behind the discovery claim that a Higgs-like boson has been found after decades of research. Click [here](#) to listen to Vickey's lecture.

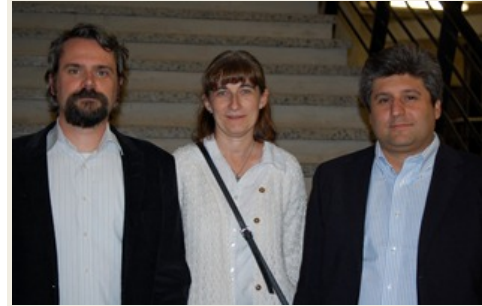
Wits University is part of the South African cluster of the European Organization for Nuclear Research (CERN) in Switzerland, one of the world's leading laboratories for particle physics and one of the largest and most respected 'knowledge factories' for the generation of scientific research.

Numerous experiments and thousands of physicists searched decades for this elusive boson, without finding any definitive evidence for something Higgs-like in their data.

But that all changed on the 4<sup>th</sup> of July 2012, when the ATLAS and CMS experiments with the Large Hadron Collider (LHC) announced that a new Higgs-like particle had been found.

The Wits team comprising of lead physicists Dr Trevor Vickey and Dr Oana Boeriu (who both relocated to South Africa to lead the University's involvement in the ATLAS experiment), includes several Wits staff members, postgraduate students and post-doctoral scholars. They will soon be joined by Prof. Bruce Mellado who will take up the position of Associate Professor in the School of Physics.

To listen to the welcoming remarks by the Dean of the Faculty of Science, Professor Andrew Crouch, click [here](#).



### MEDIA COVERAGE:

#### Online publicity

#### Print:

[Northcliff & Melville Times](#) 31 August 2012

[Rosebank Killarney Gazette](#) 31 August 2012

[The New Age](#) 27 August 2012

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