

# **WORKSHOP ON DISCOVERY PHYSICS AT THE LHC**

**KRUGER-2014**

**December 1 - 6, 2014**

**Protea Hotel Kruger Gate**

**Portia Shabangu Road, Skukuza, Mpumalanga, South Africa**

Dear Colleagues

We are pleased to announce the Third Biennial "Workshop on Discovery Physics at the LHC" (KRUGER 2014).

The Workshop will be held at the 4-star Protea Hotel Kruger Gate, just 100 meters from the entrance to the Kruger National Park.

Please find details in the conference web page: <http://www.kruger2014.tlabs.ac.za>.

The conference aims to promote scientific exchange of new results and development of novel ideas and models related to the physics of the LHC.

The following topics will be covered:

Particle Physics;

Heavy Ion Physics;

Physics after the discovery of the Brout-Englert-Higgs boson.

Accommodation, registration, abstract submission and other practical details can be found on the web page. Attendance will be limited to about 100 participants because of the number of available rooms in the hotel.

Students are encouraged to also take part in a related workshop/school on "Hot and Dense Nuclear & Astrophysical Matter - HDM2014" which will be organized by Professor Azwinndini Muronga ([amuronga@uj.ac.za](mailto:amuronga@uj.ac.za)) at the University of Mafeking November 24 - 28, 2014.

Other related events of interest to students are:

"Chris Engelbrecht School in Particle Physics", January 12 - 21, 2015, and the

"High Performance Signal and Data Processing", January 26 - 30, 2015.

Limited funding for South African students is available.

We look forward to seeing you all in South Africa.

## **The organizers of KRUGER-2014:**

O. Boeriu (Witwatersrand, Johannesburg)

Z. Buthelezi (iThemba LABS)

J. Cleymans (UCT, Cape Town) (Chair)

A. S. Cornell (NITHeP/Witwatersrand, Johannesburg)

S. H. Connell (UJ, Johannesburg)

T. Dietel (UCT, Cape Town)

S. Förtsch (iThemba LABS)

N. Haasbroek (iThemba LABS) (Secretary)

A. Hamilton (UCT, Cape Town)

W. A. Horowitz (UCT, Cape Town)

S. Karataglidis (UJ, Johannesburg)

B. Mellado (Witwatersrand, Johannesburg)

E. Sideras-Haddad (Witwatersrand, Johannesburg)

T. Vickey (Witwatersrand, Johannesburg)

H. Weigert (UCT, Cape Town)

S. Yacoob (UKZN, Durban)

The email address of the conference is [kruger2014@tlabs.ac.za](mailto:kruger2014@tlabs.ac.za).