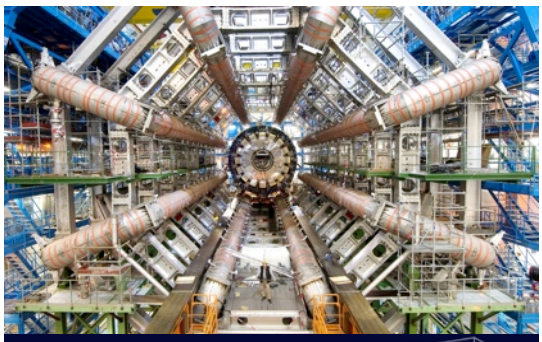
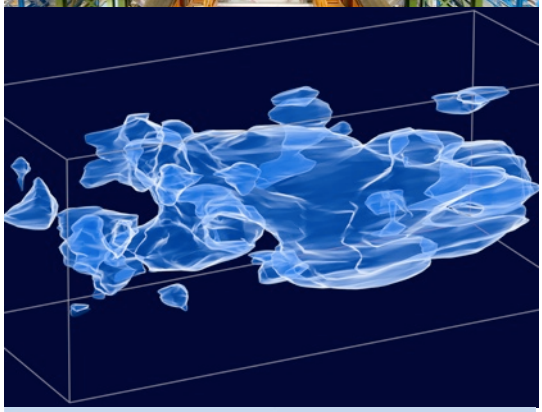
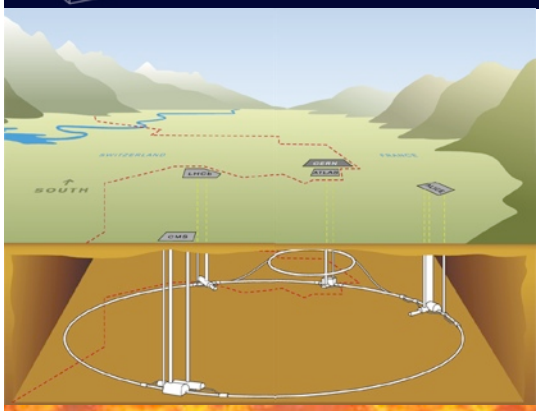
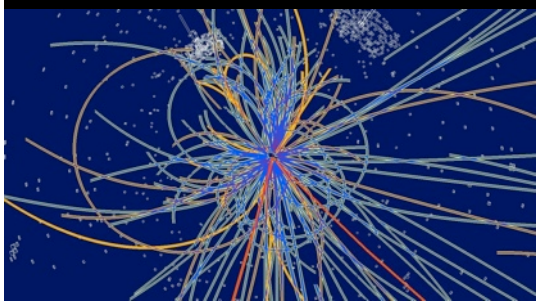










First Announcement

5 - 10 December 2010

Kruger 2010: Workshop on Discovery Physics at the LHC

Venue: Protea Hotel Kruger Gate, Portia Shabangu Rd, Skukuza, Kruger National Park, Mpumalanga, South Africa

Topics:

To include Standard Model physics at hadron colliders as well as Higgs boson, SUSY and exotic particle searches. Discussions on the latest Monte Carlo tools, cross-section calculations for signal and background processes to higher orders, as well as strategies for new physics searches are expected. The status of the CERN Large Hadron Collider, along with first measurements from the LHC experiments, will also be presented.

Goals:

Six days of plenary talks and parallel sessions where some of the very latest experimental results from the LHC (ALICE, ATLAS, CMS and LHCb), as well as topical beyond the Standard Model theories, will be presented. The surroundings of one of the world's largest national parks, and the physics results presented during this workshop, will serve to inspire discussions between theorists and experimentalists on the latest LHC and Tevatron measurements as well as our expectations for the future.

Early Registration Deadline:

31 August 2010

Full travel and conference bursaries available for students (Honours level and above; see the website for details)

Workshop Organizer:

The South African Institute of Physics
Secretariat
Pretoria, SA

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Fax: +27 (0) 86 648-8474
e-Mail: kruger2010@saip.org.za
website: http://www.saip.org.za/events/kruger2010/

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