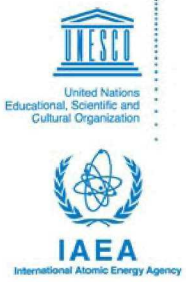




The Abdus Salam  
International Centre for Theoretical Physics



# Joint ICTP-INFN-SISSA Conference: Topical Issues in LHC Physics

29 June - 2 July 2009

Miramare, Trieste, Italy

## TOPICS

- **Physics Studies with Early Data**
- **Jets, Leptons, Photons, Missing Energy**
- **The Challenge of a light Higgs Boson**
- **Dark Matter measurements and the LHC**

The LHC is expected to begin operation in 2009.

Theorists and experimentalists will be brought together to focus on the early data as well as fundamental issues for the LHC physics program:

**What can be learned from the early data? The challenges of measuring Missing Energy. The impact of ground, balloon and satellite measurements of Dark Matter on the LHC experiments. The challenge of a light Higgs boson.**

## PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the Conference. As it will be conducted in English, participants should have an adequate working knowledge of that language. Although the main purpose of the Centre is to help research workers from developing countries, through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only for those who attend the entire activity. There is no registration fee.

## HOW TO APPLY FOR PARTICIPATION

The application form can be accessed at the activity website

**<http://agenda.ictp.it/smr.php?2045>**

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

## **ACTIVITY SECRETARIAT**

Joint ICTP-INFN-SISSA Conference: Topical Issues in LHC Physics (smr2045)

the Abdus Salam International Centre for Theoretical Physics

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Activity Web Page: <http://agenda.ictp.it/smr.php?2045>

ICTP Home Page: <http://www.ictp.it/>

March 2009



## CO-SPONSORS

### SISSA

International School for Advanced Studies

### INFN

Italian Institute for Nuclear Physics

## ORGANIZERS

**B. Acharya** (ICTP)

**M. Cobal** (Udine)

**G. Kane** (Michigan)

**A. Romanino** (SISSA)

**A. Vacchi** (INFN)

## **DEADLINE**

**for requesting participation**

**15 April 2009**