



The Abdus Salam  
International Centre for Theoretical Physics



# SIGNALING THE ARRIVAL OF THE LHC ERA

**8 - 13 December 2008**

*Miramare, Trieste, Italy*

## TOPICS

- Status of the LHC machine, Experiments and Early Data
- QCD at the LHC
- Top Physics at the LHC
- Higgs Physics at the LHC
- New Physics and Strategies for Discovery

**The workshop will provide a pedagogical overview of the physics of the LHC experiments and is intended for both experimentalists and theorists.**

**In addition to the lectures/courses there will be opportunities for younger researchers to present their research in short talks and poster sessions. Specialized tutorials in various software tools will also be given.**

## **REQUEST FOR PARTICIPATION**

Interested applicants should fill in and submit the [Online Application](#) form before **15 October 2008**. The form can be accessed at the Activity Website <http://agenda.ictp.it/smr.php?1970>. Kindly upload any file attachments exclusively in PDF (preferably) or RTF zipped or MS Word (.doc) format.

## **PARTICIPATION**

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. 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.

### **Activity Secretariat:**

Signaling the Arrival of the LHC Era  
(smr1970 c/o Ms. N. van Buuren)

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Activity Website: <http://agenda.ictp.it/smr.php?1970>    ICTP Home Page: <http://www.ictp.it/>

## CO-SPONSOR

**INFN**

*Italian Institute for Nuclear Physics*

## ORGANIZERS

**B. ACHARYA** (ICTP)

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**S.D. RINDANI** (PRL)

## **DEADLINE**

**for requesting participation**

~~**30 September 2008**~~

**Extended to**

**15 October 2008**