



The Abdus Salam  
International Centre for Theoretical Physics



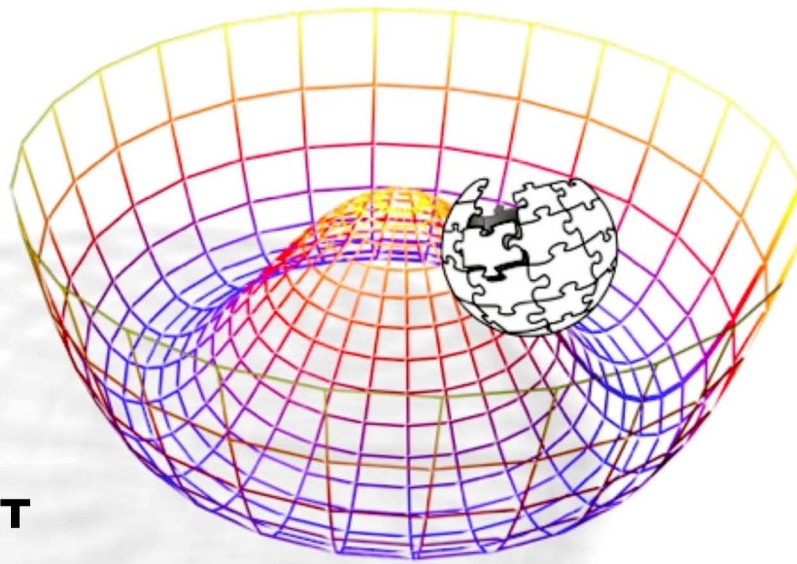
# SCHOOL and WORKSHOP on STRONGLY COUPLED PHYSICS BEYOND THE STANDARD MODEL

16 - 27 January 2012

Miramare, Trieste, Italy

## TOPICS of the School:

- QCD and Effective Theories
- Technicolor Theories
- Basics of Collider Physics
- Little Higgs Models
- Composite Higgs Models
- Warped Models and AdS/CFT
- Higgsless and Gauge-Higgs Unification Models in Warped Space
- Advanced Collider Physics - Jets and Boosted Jets



The purpose of the **School** (16 - 24 January) is to provide a pedagogical introduction in the form of a series of lectures by individual speakers about non-supersymmetric strongly coupled new physics beyond the Standard Model. Soon after the School, there will be a more advanced 3-day **Workshop** (25 - 27 January) for experts in the field.

## PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School and Workshop. 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 School and/or Workshop. There is no registration fee.

## HOW TO APPLY FOR PARTICIPATION:

The **application forms** can be accessed at the **School** website <http://agenda.ictp.it/smr.php?2326> and the **Workshop** website <http://agenda.ictp.it/smr.php?2400>

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

## SCHOOL & WORKSHOP SECRETARIAT:

Telephone: +39 040 2240 363 - Telefax: +39 040 2240 7363 - E-mail: [smr2326@ictp.it](mailto:smr2326@ictp.it)  
ICTP Home Page: <http://www.ictp.it/>



In collaboration with

**SISSA**

International School for Advanced Studies

**INFN**

Italian Institute for Nuclear Physics

## ORGANIZERS:

**K. Agashe** (U. of Maryland)

**C. Grojean** (CERN & CEA/Saclay)

**R. Rattazzi** (EPFL)

**M. Serone** (SISSA & ICTP)

## LECTURERS of the School:

**R. Contino** (U. of Rome "La Sapienza")

**C. Grojean** (CERN & CEA/Saclay)

**M. Luty** (U. of California, Davis)

**M. Perelstein** (Cornell University)

**G. Perez** (Weizmann Institute & CERN)

**A. Pomarol** (UAB)

**I. Rothstein** (Carnegie Mellon University)

**J. Thaler** (MIT)

**DEADLINE**

for requesting participation

~~15 October 2011~~

extended to

**30 October 2011**