

INSTITUT D'ÉTUDES SCIENTIFIQUES DE CARGÈSE

ESF School in High Energy Physics and Astrophysics

June 16 - June 28, 2008

Theory and Particle Physics: the LHC perspective and beyond

organized by :

L. Baulieu (Pierre et Marie Curie Univ.), **J. de Boer** (Amsterdam Univ.),
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Supported by ESF and CERN, within the framework of the ESF Research Conferences Scheme for a series of Summer Schools in High Energy Physics and Astrophysics.



This school belongs to a set of a ESFSI series of Summer Schools in High Energy Physics and Astrophysics. It is supported by ESF and CERN. It will consist of introductory and advanced lectures as well as seminars by participants on the following topics:

Lectures Topics: *AdS/QCD, Cosmic Strings, Supersymmetry breaking, String phenomenology, Integrability in Gauge Theory, String thermodynamics, Black Holes and BPS states, Extra dimensions and Beyond the standard model physics.*

Lecturers will include:

N. Arkani-Hamed (IAS), **J. Barbon** (IFT), **M. Dine** (UCSC), **A. Giveon** (Hebrew Univ.),
G. Moore* (Rutgers), **R. Myers** (Perimeter Institute), **M. Sakellariadou** (King's College),
M. Staudacher (MPI-Golm), **A. Strominger** (Harvard), **A. Sen** (Harish-Chandra Res. Inst.),
D. Son (Univ. Washington), **L. Randall** (Harvard), **S. Thomas** (Rutgers)

* to be confirmed

Location:

The ESFSI will be held at the Institut d'Études Scientifiques de Cargèse. Cargèse is a pleasant village of considerable charm and historic interest located 50 km north of Ajaccio, on the west coast of Corsica (France). The Institute is located 2 kms south of the village.

Applications:

The school will be open by invitation only to approximately 65 participants, not including lecturers. Applications should be made before **March 15, 2008** through the web form accessible from the web page of the conference. Junior applicants should arrange for a letter of recommendation to be sent by e-mail at cargese@lpth.jussieu.fr before the above deadline. Participants are expected to cover their own travel. The cost of the school, including half board and registration fees, will be 750 Euros (see the registration web-form for more details and the different options). Some funding will be available upon specific request.

Organization:

Practical information can be found on the web page of the conference <http://string.lpth.jussieu.fr/cargese>