Research fellowships for PhD students in Lisbon
LIP, Laboratory of Instrumentation and Particle Physics, Lisbon, Portugal

Positions: Three research fellowship.
Duration: 1 year renewable.
Application Deadline: The vacancy is open until a suitable candidate has been found.

LIP Lisbon has opened three research fellowships for PhD students in the CMS experiment. The subject of the research work is the search for physics beyond the Standard Model using data collected by the CMS experiment at the Large Hadron Collider at the energy of 8 TeV. The following topics will be addressed:
1) Search for charged Higgs boson in proton-proton collisions at the LHC;
2) Higgs production in association with top quark pairs;
3) Search for the supersymmetric partner of the top quark

The selected candidates have the opportunity to integrate their research work in a PhD thesis submitted to the Physics Department of IST, Technical University of Lisbon.

Applications must contain: letter of motivation, detailed curriculum vitae, transcripts of B.Sc./M.Sc./Ph.D. degrees and classifications, and two reference letters.
Application should be sent by e-mail to Natália Antunes (Natalia@lip.pt).