Research Associate Position in Hadron Collider Physics
at the LHC with the ATLAS Detector
(IFAE-Barcelona)

The High Energy Physics Institute in Barcelona (IFAE-Barcelona) offers a new two years Research Associate position to participate in its hadron collider experimental program using the ATLAS detector at the LHC. The duration may be extended by mutual agreement.

IFAE maintains a strong presence in the ATLAS experiment at CERN (Switzerland), with major responsibilities on the calibration and maintenance of the TileCal hadronic calorimeter and the High Level Trigger system, and participates in the Pixel detector upgrade. The IFAE physics program in ATLAS includes: the study of the Higgs boson in different channels; the search for super-symmetry, extra-dimensions and dark matter candidates; precise top-quark measurements and the search for new phenomena in top-quark related final states.

The successful candidate should have a Ph.D. in Experimental Particle Physics, and will be expected to play a leading role in the physics analysis of the ATLAS data and detector-related activities.

Applicants should provide a curriculum vitae, a brief description of research interests, and arrange for three letters of recommendation to be sent by e-mail to: Mario Martinez (mmp@ifae.es) and Martine Bosman (bosman@ifae.es).

Applications will be reviewed starting on December 15th 2012. However, applications will be accepted until the opening is filled.

Contacts:
Mario Martinez (mmp@ifae.es)
Martine Bosman (bosman@ifae.es)
More information: http://www.ifae.es