



Institut de Física  
d'Altes Energies



**JuniorLeader**

Postdoctoral Fellowships Programme

BEQUESCAIXA

## Postdoctoral Positions in Hadron Collider Physics at the LHC with the ATLAS Detector (IFAE-Barcelona)

The High Energy Physics Institute in Barcelona (IFAE-Barcelona) announces the opening of Postdoctoral Positions to participate in its hadron collider experimental program using the ATLAS detector at the LHC. IFAE is one of the top research centers in Spain conducting experimental and theoretical research at the frontier of fundamental physics, as well as developing cutting-edge detector technology. In 2012 and 2016, IFAE was awarded the distinction of "Severo Ochoa" Centre of Excellence by the Spanish Ministry of Economy and Competitiveness.

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 Trigger system, and participates in IBL operations and the Pixel detector upgrade. The IFAE physics program in ATLAS covers a wide range of analyses spanning four working groups: Top Physics, Higgs Physics, SUSY and Exotics. The successful candidate will be based at CERN, joining a competitive team of several PhD students, postdoctoral researchers, and staff scientists from IFAE.

These positions are funded by the "La Caixa" Foundation under the "*La Caixa*" *Junior Leader* postdoctoral fellowships program, aimed at hiring up to 33 excellent researchers —of any nationality— to conduct a research project at accredited centers such as those awarded with the Severo Ochoa distinction of excellence. By means of a complementary training program, these fellowships are intended to consolidate research skills and to foster an independent scientific career as an option for the future.

### Program description:

<https://obrasociallacaixa.org/fr/investigacion-y-becas/programa-de-becas-de-posgrado/becas-de-posgrado/becas-postdoctorales-junior-leader/descripcion-del-programa>

Interested candidates with an excellent CV, and satisfying the eligibility criteria, are encouraged to apply online at:

<https://www.lacaixafellowships.org/index.aspx>

The application deadline is **September 26, 2018**.

**Before applying, please contact us** to let us know of your interest in this position.

Contact: Martine Bosman ([bosman@ifae.es](mailto:bosman@ifae.es)) and Aurelio Juste ([juste@ifae.es](mailto:juste@ifae.es)).

General information about IFAE is available at <http://www.ifae.es>.