



## “La Caixa Junior Leader” Postdoctoral Position 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 a Postdoctoral Position 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 in the calibration and maintenance of the TileCal hadronic calorimeter and the Trigger system, and participates in 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 join 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 Retaining* postdoctoral fellowships program, aimed at hiring up to 15 excellent researchers —of any nationality— to carry out research at any university or research centre in Spain (and Portugal). 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://lacaixafoundation.org/en/postdoctoral-junior-leader-fellowships-retaining-call>

Interested candidates with an excellent CV, and satisfying the [eligibility criteria](#):

- to have earned their doctoral degree two to seven years prior to the closing date of the call (between 5th October 2016 and 5th October 2021, both inclusive),
- to have resided or have carried out their main activity (work, studies, etc) in Spain for more than twelve months in the three years immediately prior to the closing date of the call,
- to have carried out research stays at non-Spanish research centers or universities during their doctorate or postdoctorate, whether in a continuous or a discontinuous way for at least six months prior to the deadline for applications.

are encouraged to apply online [here](#).



**Institut de Física  
d'Altes Energies**



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Barcelona Institute of  
Science and Technology

IFAE is an equal opportunity employer committed to diversity in the workplace, and we welcome applications from all qualified candidates. Women are particularly encouraged to apply.

The application deadline is **October 5, 2023**.

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

Contact: Aurelio Juste ([juste@ifae.es](mailto:juste@ifae.es)) and Imma Riu ([imma.riu@ifae.es](mailto:imma.riu@ifae.es))

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