



Institut de Física
d'Altes Energies



"la Caixa" Fellowship Programme

"INPhINIT" predoctoral positions in Theoretical and Experimental Particle Physics, Astroparticle Physics, Cosmology, and Instrumentation R&D at IFAE Barcelona

The High Energy Physics Institute in Barcelona (IFAE-Barcelona) announces the opening of 12 predoctoral positions for outstanding young graduates interested in working towards a PhD thesis at IFAE. 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. IFAE is one of the *few* Spanish research institutes awarded with the *Severo Ochoa* distinction for excellence on research (recently renewed for the 2017-2021 period).

The PhD positions are offered in the following research areas: theoretical particle physics, experimental particle physics (ATLAS), experimental neutrino physics (T2K and WA105), astroparticle physics (MAGIC and CTA), observational cosmology (DES and PAU), and instrumentation development (ATLAS upgrades and medical imaging).

These positions are funded by the "La Caixa" Foundation under the *INPhINIT* program, a new doctoral fellowship program devoted to attracting **International Early-Stage Researchers** to the top Spanish research centres in the areas of Bio and Health Sciences, **Physics**, Technology, Engineering and Mathematics. *INPhINIT* relies on the **European Commission's support** through the Horizon 2020 Marie Skłodowska-Curie Actions - COFUND programme to recruit a larger number of researchers and achieve a broader impact, as well as to further pursue the **highest standards for research training**.

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

Programme description:

<https://obrasociallacaixa.org/en/educacion-becas/becas-de-posgrado/inphinit>

Eligibility criteria and how to apply:

<https://obrasociallacaixa.org/en/educacion-becas/becas-de-posgrado/inphinit/call-for-application>

The application deadline is **February 1, 2018**.

The publication of the results of the review process will take place on May 29, 2018.

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

For any questions please visit the *INPhINIT* webpage above or contact IFAE's Project Manager Marta Balza (mbalza@ifae.es).