

## Postdoctoral Positions in Experimental Physics at IFIC – Severo Ochoa Excellence Centre CSIC – University of Valencia

The Instituto de Física Corpuscular IFIC – Severo Ochoa Excellence Centre, a joint research institute of the Spanish Research Council (CSIC) and the University of Valencia, invites applications for several

### POST-DOCTORAL POSITIONS IN EXPERIMENTAL PARTICLE PHYSICS

The positions are for two years with starting date in Autumn 2016 in the following subjects:

- ATLAS upgrade for the High Luminosity Large Hadron Collider
- Search for BSM particles in ATLAS and MoEDAL
- New Physics search in the Higgs sector with the ATLAS detector
- Flavour physics and detector upgrade at the LHCb experiment
- Computing, ATLAS and future colliders
- Physics with the neutrino telescopes KM3NeT and ANTARES
- Double beta decay search at NEXT
- Medical imaging and particle therapy applications

The IFIC also hosts very strong groups in Theoretical Physics, such as the phenomenological aspects of the Standard Model, theories beyond this model, Nuclear and Many-Body Physics, Astroparticle Physics and Cosmology. Both formal aspects of Quantum Field Theory and the phenomenology of fundamental interactions are investigated in the whole range of available energies both in present and future experiments.

Further information about the members of the institute and their research interests can be obtained through our website <http://ific.uv.es>

These positions will be funded by the Severo Ochoa Excellence Grant, and in some cases also by the local research groups. Applicants are expected to have a competitive research track record in experimental particle or medical physics, and a strong commitment to pursue forefront research lines. Researchers at an early stage of their career are strongly encouraged to apply.

Applicants should provide a curriculum vitae, including a list of publications, and a brief statement of research interests, and also arrange for two reference letters. IFIC is an equal opportunity employer and welcomes applications from women and minorities. Applications should be sent electronically through AcademicJobsOnline at <https://academicjobsonline.org/ajo/jobs/7191>

Deadline: **June 19, 2016**

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