

**IrFu**Institut de recherche
sur les lois fondamentales
de l'Univers

Call for applications

The Department of Particle Physics (DPhP) of the Institute of Research into the Fundamental Laws of the Universe (IRFU) at CEA Paris-Saclay opens a call for applications for a scientist staff position in particle physics in 2020.

DPhP comprises about 110 physicists. DPhP scientific themes include elementary components of matter at the highest energies at the CERN LHC collider, R&D for future accelerators, neutrino physics, gamma ray astronomy, observational cosmology, study of antimatter, study of gravitational waves, and instrumentation for medical applications.

We welcome applications from experimental particle physicists with outstanding scientific record and marked hardware profile, willing to do physics analyses and design and build detectors for the ATLAS experiment. The ATLAS group is involved in the upgrade of the central detector and the electromagnetic calorimeter for the high luminosity LHC, in the alignment of the muon spectrometer, and in Higgs boson, top quark, and precision electroweak physics. A professional experience of no more than about six years since the PhD is recommended.

The application will be composed of:

- a Curriculum Vitæ,
- a letter of motivation,
- a description of the candidate's scientific activity (*4 pages at most*),
- a description of the candidate's research project (*3 pages at most*),
- a list of publications and internal notes, emphasizing the candidate's personal contributions; the most significant ones (*3 at most*) should be attached,
- a list of talks at conferences, workshops, and seminars,
- 3 letters of recommendation (*which should be sent **directly** to the e-mail address below*),
- 2 to 3 names of persons to be contacted for further reference.

Complete applications should be sent in pdf-format at the latest on **February 3rd, 2020** to the following e-mail address:

SPPrecrutement@cea.fr

Preselected candidates in March 2020 will be interviewed individually in **April 2020**.

For further information, contact us by phone at +33 1 69 08 23 50 or by e-mail: secretariat.spp@cea.fr.

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