



## Postdoctoral Research Associate position

The “Laboratoire de Physique des 2 Infinis Irène Joliot-Curie” ([IJCLab – Laboratoire de Physique des 2 Infinis Irène Joliot-Curie \(in2p3.fr\)](#)) in Paris-France region invites applications for a 2-years postdoctoral researcher to be part of the ATLAS group.

The successful candidate is expected to contribute to both the following activities:

- **the High Granularity Timing Detector (HGTD) construction.** With 4 staff physicists, 5 engineers, two technicians and 2 PhD students, the group plays a major role in the detector mechanics, the module production and the ASIC characterization. The candidate is expected to spend about half of his/her research time on HGTD focusing on the ASIC wafer production test setup with a probe station and on electronics tests of the modules. He/she will work with the technical staff of the group
- **physics analysis.** The successful candidate will be involved in run 3 analysis and may choose among the main ones developed within the group, i.e Vector Boson Scattering or di-Higgs production studies.

The successful candidate is also expected to participate in the supervision of PhD and master students. The position will be located at IJCLab, with travels and stays at CERN for meetings and beam test periods.

Candidates who wish to apply should have acquired a PhD in experimental high-energy physics, on data analysis, or on hardware projects less than two years before the contract is starting. Experience on detector, while being an asset, is not required.

### Interested applicants should send:

1. A cover letter focusing on their research interests and their motivation to join the group.
2. A Curriculum Vitae, including the direct contributions to the main publications
3. Three letters of recommendations

The candidate documents and the letters of recommendation should be sent separately to [Laurent.Serin@cern.ch](mailto:Laurent.Serin@cern.ch)

The envisaged starting date of the position is October 1<sup>st</sup> 2023. Application should be received by June 23<sup>rd</sup> to ensure full consideration. The position will remain open until it is filled.