



Postdoctoral researcher on the ATLAS experiment

The ATLAS@Clermont team is recruiting a researcher for a two-year postdoctoral fellowship on ATLAS. The team is strongly involved on several Physics analyses (Higgs, Standard Model, BSM searches) with several Machine Learning dedicated developments. It is also very active on the upgrade of the Tile Calorimeter as well as in the design of the High Granularity Timing Detector (HGTD) readout electronics and various performance studies.

This position is focused on the development of HGTD for the Phase 2 upgrade with the possibility to work on physics analysis within the expertises of the group. The successful candidate will work on the development of HGTD by playing a leading role in the qualification and performance study of the detector and in the elaboration of a Run 3 analysis strategy in the ATLAS team.

Applicants should have a PhD in experimental high-energy physics (preferably in ATLAS or CMS), obtained ideally after September 2019, research skills demonstrated by a leading contribution to a high-level physics analysis, good knowledge of C++ and in particular of the ROOT analysis software, fluency in spoken and written English, and an ability to work in a team environment.

Applications should be submitted with a short curriculum vitae (2 pages maximum) and a motivation letter, through: <https://bit.ly/3eIMNiB>

Two recommendation letters should be sent to: AtlasClermont.job@cern.ch.

More informations can be obtained from D. Boumediene (Djamel.boumediene@cern.ch) and on <https://bit.ly/3eIMNiB>.

D. Boumediene (djamel.boumediene@cern.ch)

Laboratoire de Physique de Clermont
Campus Universitaire de Cézeaux
4 Avenue Blaise Pascal
TSA 60026 CS 60026
63178 Aubière Cedex

IN2P3 - Les 2 Infinis

