

The **ATLAS group** at the **Humboldt University Berlin (Prof. Cigdem Issever, Prof. Thomas Lohse)** invites applications for a

**Postdoctoral position (E 13 TV-L, reference AN/292/19).**

The ATLAS Group at the Humboldt University Berlin is currently seeking a talented, highly qualified and strongly motivated post-doctoral research assistant to work on the ATLAS experiment at the LHC on a 3-year fixed-term contract.

Our effort is broadly focused on searches for new physics, the exploration of the Higgs sector and top physics at the ATLAS experiment using LHC Run 2 and upcoming Run 3 data. The group has also a strong involvement in the development and construction of silicon strip detector modules for the ATLAS ITK endcap detector. The successful candidate will be expected to play a leading role in the ATLAS data analysis and have a major role in top quark physics and top Yukawa coupling measurements. The position also includes the supervision of undergraduate and PhD students and teaching duties (lab classes, tutorials) equivalent to 4 hours per week during term time.

Applicants should hold a doctoral degree in particle physics or equivalent field and should have a proven record of high quality research in experimental particle physics and experience in the analysis of large-scale experimental data. They should have the ability to identify research objectives and subsequently conceive, plan and execute appropriate activities to given deadlines. Applicants should have the ability to work collaboratively as a member of a team and excellent communication skills, including the ability to write publication, present results with authority at conferences and workshops, represent the research group at meetings, and ability to communicate effectively both orally and in writing with a range of audiences including academic and technical staff. Familiarity and confidence in Linux operating systems, C++ and Python (both in writing new and/or maintenance of existing code) is necessary and applicants need to be willing to travel to CERN.

The position is available immediately. It is limited to a duration of three years. Payment is according to the German TV-L system. The Humboldt University of Berlin is an equal opportunity employer. Suitable qualified women as well as persons with disabilities are encouraged to apply.

Applications should be sent to [lohse@physik.hu-berlin.de](mailto:lohse@physik.hu-berlin.de) until **13.11.2019**, and should include a curriculum vitae, a short description of the research experience and interests, copies of certificates of degrees, and the names and contact addresses of three persons to be contacted for letters of reference.

**Contact: Prof. Dr. Thomas Lohse**

**Email: [lohse@physik.hu-berlin.de](mailto:lohse@physik.hu-berlin.de)**

**Letters of Reference should be sent to: [lohse@physik.hu-berlin.de](mailto:lohse@physik.hu-berlin.de)**