



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

PhD position (pay scale: E 13 TV-L, 50%).

The position should be filled at the earliest possible date. The contract will initially run until the end of the next funding period (July 2021) but can be extended. It includes the possibility to spend up to one year at CERN.

Our group has long standing experience in the measurement of **electroweak top quark production** and the search for **non-standard-model couplings of Z-Bosons and top quarks**. Our goal is to continue this program, possibly extended to the **top-Higgs-coupling**, on the basis of the full Run-2 dataset. The successful candidate is expected to participate in our research and to contribute to general tasks within the collaboration. He/she will be integrated into our research team and will be supervised by experienced postdocs.

Candidates should hold a university degree (Master's or equivalent) and have good knowledge of particle physics. Research experience related to LHC physics and motivation to join an analysis in the ATLAS experiment are desired.

Applications should include a Curriculum Vitae, a brief proposal describing the research experience and interests, an official transcript of coursework and grades, and the names and contact addresses of two persons who could provide letters of reference. The documents should be sent by e-mail as a single pdf-file to

lohse@physik.hu-berlin.de

or by mail to Humboldt University Berlin, Department of Physics, Prof. Dr. Thomas Lohse, 12489 Berlin, Germany. Applications should be sent until **15 July 2018**. Applications received later can be accepted if the position is still vacant.

Applications of females and of disabled persons are particularly welcome.