



PhD Student on Diboson Physics at the LHC with the ATLAS experiment

The Physics Department at the University of Freiburg has an opening for a PhD student in Experimental Particle Physics to carry out research within the ATLAS group in Freiburg with the emphasis on physics analysis. This is a part-time (50%) position. The salary will be determined in accordance with the TV-L E13 pay scale. The start date is flexible, with 1 May 2020 being preferred.

The group consists of a postdoc and several students, but is also part of a much larger group of scientists and students working on ATLAS in Freiburg (~40 people). The physics analysis focus will be primarily in precision measurements of diboson processes. In addition, technical work in the areas of the trigger or tracking detector upgrade are foreseen. The duration is initially for three years but can be slightly extended if required.

Applicants shall have a

- Master degree (or equivalent) within the field of experimental particle physics.
- Experience in data analysis, software programming (e.g. C++, python) and/or detector development
- Interest in precision measurements of diboson processes
- Team ability and very good English language skills

Interested candidates are requested to send their application (including a CV, a transcript of the grades, a list of publications) to beate.heinemann@desy.de with the subject line "PhD 2020 application", and arrange to have 1-2 letters of recommendation sent via email to the same address. For full consideration, the applications should be sent by March 3rd 2020 but later applications may also be considered until the position is filled.

For further Information please contact B. Heinemann by email.

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