



## Postdoc Position at Georg-August-University Göttingen in ATLAS-Experiment

There is one opening for a

### Postdoc position (pay scale E13 TV-L) (m/f/d)

with 100% of the regular weekly working hours (at present 39,8 hours per week) to start immediately. The position will be filled for a duration of 3 years with a possibility for extension on mutual agreement. The pay scale is E13 TV-L. The position is suitable for part-time work.

The position is in the working group on experimental particle physics at the University of Göttingen in high-performance and grid computing. The focus is on the development and optimisation of operation and monitoring tools using modern machine learning techniques for the operation of the local grid cluster GoeGrid as well as for the Tier-1 centre GridKa and the associated Tier-2 centres involved in the ATLAS experiment within the framework of the World-Wide LHC Computing Grid (WLCG). Furthermore, techniques for the use of federated infrastructure for new compute models of the future High-Lumi LHC will be developed.

The successful candidate will be expected to participate in the supervision of students, in the operation of the GoeGrid cluster in Göttingen and in the research activities of the participating groups. The group has experience in the operation and monitoring of computer clusters, grid resources in the context of WLCG and in the development and use of machine learning algorithms.

The prerequisite for employment is a completed scientific university degree in physics or in another relevant field (diploma or master's degree) and a doctorate in physics. Knowledge of English, software and programming skills in modern programming and scripting languages, experience in system administration and grid computing are expected. Knowledge of German and previous experience in experimental particle physics are desirable.

Applications with the usual documents should be sent by **25 June 2021** to:

Prof. Dr. A. Quadt  
II. Institute of Physics  
Georg-August University Göttingen  
Friedrich-Hund-Platz 1  
37077 Göttingen, Germany  
aquadt@uni-goettingen.de

For more information contact [aquadt@uni-goettingen.de](mailto:aquadt@uni-goettingen.de).

The University of Göttingen aims to increase the proportion of women in areas where women are underrepresented and therefore explicitly invites qualified women to apply. The University has set itself the goal of employing more severely disabled people. Applications from severely disabled persons will be given preference if they are equally qualified.



FAMILIE N DER  
HOCHSCHULE

Notice:

We would like to point out that submitting an application constitutes consent under data protection law for us to process your applicant data. You can find more details on the legal basis and use of data in the [information sheet on the General Data Protection Regulation \(DSGVO\)](#).