



Postdoc Position at Georg-August-University Göttingen in the FIDIUM project and 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 2.5 years with a possibility for extension on mutual agreement.

The position is in the research group on experimental particle physics at the University of Göttingen in high-performance and grid computing. The main focus is to open up the local HPC resources of the North German Supercomputing Alliance (HLRN) and National High Performance Computing (NHR) for use via the local Tier-2 center GoeGrid and thus indirectly the integration into the World-Wide LHC Computing Grid (WLCG). This essentially involves enabling its use by the ATLAS experiment. A close collaboration with the partners of the project Federated Infrastructures (FIDIUM) to develop the required technologies is foreseen. Furthermore, methods of caching and data management for the data lake scenario are to be further 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.

The prerequisite for employment is a completed scientific university degree in physics, computer science or in another relevant field (diploma or master's degree) and a doctorate in physics or computer science. 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 **26 April 2022** 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.

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.



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 \(DSGVO\)](#).