



Postdoc Position at University of Göttingen in the LHC-ErUM-FSP ATLAS

As of 01.09.2024, 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). The position will be filled until 30.06.2027 with a possibility for extension on mutual agreement.

The research activities and duties will be carried out in the working group of Prof. Dr. Arnulf Quadt on experimental particle physics at the University of Göttingen, analysing data from the ATLAS experiment. The focus is on data analysis of the physics of the top quark and the Higgs boson, in particular the measurement of the top quark properties, the investigation of its gauge couplings and the Top-Higgs Yukawa coupling. A stationing at CERN is possible by arrangement.

A university degree in physics or in another relevant field (Diploma or Master) and a PhD in physics are required. English language skills, software and programming skills, and knowledge of data analysis and particle physics, particularly in the physics of the top quark and/or the Higgs boson, are also expected. The successful candidate will be expected to participate in the supervision of students, in regular service work in the experiment and in the research activities of the groups involved. Knowledge of German is desirable.

The working group is integrated and involved in the Germany-wide BMBF research programme LHC-ErUM-FSP-103 "ATLAS". Previous experience in experimental particle physics, in particular in data analysis at hadron colliders and a PhD are required.

Applications with the usual documents should be sent by **11 July 2024** to:

Prof. Dr. Arnulf 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.



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 \(DSGVO\)](#).