



Position of a „Akad. Rat/Rätin“ / junior faculty (limited duration) at Universität Göttingen in Particle Physics

The Georg-August-University Göttingen, Faculty of Physics, II. Institute of Physics aims to fill at the next possible occasion the position of a

„Akademischen Rätin/Rates auf Zeit“ / junior faculty (f/m/d) (A 13 BBesO)

with 40 hours per week. The position will initially be filled for three years with a possible extension by further three years according to § 31 NHG.

The position is in the particle physics working group of Prof. Quadt in the ATLAS experiment at the Large Hadron Collider at CERN within the BMBF ErUm-FSP T02 ATLAS . The main focus of the ATLAS experiment is the physics of the top quark as well as the search for physics phenomena responsible for electroweak symmetry breaking and the study of a variety of other physics topics related to physics at the TeV scale.

The successful candidate is expected to be involved in the supervision of students, in the further development of the particle physics group in Göttingen, in the research activities of the group, and to play a leading role in the physics analysis of the ATLAS data, especially the physics of the top quark and the Higgs boson.

In accordance with § 31 para. 3 of the Lower Saxony Higher Education Act (NHG), applicants should have completed a university degree and hold a doctorate in a relevant field of science or have scientific achievements equivalent to a doctorate and have experience in the field of experimental particle physics, Linux/UNIX, C++ and object-oriented programming. Experience in the development of detectors is desirable.

The further requirements for employment result from § 31 para. 3 of the Lower Saxony Higher Education Act (NHG) in the currently valid version as well as § 1 para. 2 of the Regulations on the Recruitment and Evaluation of Academic Councillors as temporary civil servants. Details will be explained upon request.

The position entails a teaching obligation of 4 hours of courses in accordance with the currently valid Ordinance on the Compulsory Teaching of Courses. There will be an opportunity to acquire knowledge. The applicants will have the opportunity for further qualification (Habilitation).

The University of Göttingen strives to increase the proportion of women in areas where women are underrepresented and therefore strongly encourages qualified women to

apply. It sees itself as a family-friendly university and promotes the compatibility of science/profession and family. The university has set itself the goal of employing more people with severe disabilities. Applications from people with severe disabilities are given preference if they have the same qualifications.

Applications with the usual documents should be sent by **1 October 2020** to

Prof. Dr. A. Quadt,
II. Physikalisches Institut,
Georg-August-Universität Göttingen,
Friedrich-Hund-Platz 1,
37077 Göttingen, Deutschland

or via email (preferred) to aquadt@uni-goettingen.de.

For further information, please contact the named e-mail address.

Note:

We would like to point out that the submission of an application constitutes consent under data protection law to the processing of your applicant data by us. You will find more details on the legal basis and use of data in the [information sheet on the basic data protection regulation \(DSGVO\)](#).