



At the 2nd Physical Institute of the Georg-August-Universität Göttingen, there is a job opening for the position of a

senior scientist (f/m/d)

with **100% regular weekly working hours** (presently 39,8 hours per week). The position is unlimited.

The pay scale is determined according to the public service category TV-L 13.

Your tasks

- Contributions to teaching according to §31 NHG and exams, in particular organisation of the physics lab course for non-physics students as well as the electronics lab course.
- Research in the development of semiconductor pixel detectors for particle physics detectors, in particular in the ATLAS-FIS upgrade project for the High-Luminosity LHC. Research focus is the organisation, operation, and analysis of testbeam campaigns, studies of sensor technologies as well as the assembly of pixel modules and longerons.

Your profile

- a successfully completed university degree in physics or other relevant subject (Master of Science or equivalent)
- exceptional and distinguished PhD in experimental particle physics
- in-depth research experience in the development of pixel detectors for particle physics including expertise in testbeam campaigns and radiation-tolerant sensor technologies
- experience in electronics
- interest to work in the BMBF-FIS ATLAS project
- skills in software development and programming
- English language skills
- teaching and publication experience

The working group is integrated and engaged in the German-wide collaborative research programme "BMBF-Verbundforschung ATLAS - ErUM-FSP T02" and "Forschungsinfrastruktur - FIS" for the LHC upgrade.

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.

Please send your application with the usual documents by **11 January 2021** to:



Georg-August-Universität
Göttingen

Fakultät für Physik

Prof. Dr. Arnulf Quadt
II. Physikalisches Institut
Georg-August-Universität Göttingen
Friedrich-Hund-Platz 1
37077 Göttingen, Deutschland
aquadt@uni-goettingen.de

For further information, please contact aquadt@uni-goettingen.de

Note:

We would like to point out that submitting your application constitutes consent under data protection law to the processing of your applicant data by us. You can find more details on the legal basis and use of data in the information sheet on the general data protection regulation (DSGVO)