

Engineering Position in Particle Physics at the University of Göttingen

There is one opening for a

Electronics Engineer (f/m/d) (Pay Grade E10 TV-L)

with 100% of the regular weekly working hours (at present 39,8 hours per week, permanent) to start immediately.

The research group is integrated into and actively involved in the Germany-wide BMFTR research initiative "ATLAS" and the collaborative project "Research Infrastructure – FIS" for the LHC upgrade.

Your responsibilities

- The Phase II upgrade of the ATLAS experiment's pixel detector is currently in an advanced stage of production. The construction of pixel detector components—such as modules, cells, and longerons—has begun and will soon move into the integration phase. The Göttingen ATLAS group is active in the development of the readout system and conducts qualification tests for the pixel detector modules as part of the production phase, as well as testing them. In both cases, the development of and work with high-frequency-capable multilayer circuit boards—some of which are equipped with modern FPGA devices (Virtex 7 or newer)—is necessary. To this end, we are seeking a person who has expertise in the design of such circuit boards and can independently drive and oversee their testing.
- Organizational involvement in courses, particularly the introductory physics lab, and the minor-track lab.
- Technical support for the labs.

Your Profile

- a completed university degree in electrical engineering B.Sc / Dipl.Ing. (FH)
- Knowledge of electronics and experience in developing FPGA firmware
- Software and programming skills
- Relevant language skills in English, and preferably in German as well

Applications with the usual documents should be sent by **28 October 2026** 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 \(DSGVO\)](#).