



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

**senior scientist**

with **100% regular weekly working hours** (presently 39,8 hours per week). The position will initially be filled for a duration of 2 years. A permanent extension is foreseen provided that the chosen candidate demonstrates the necessary skills and qualification during this initial period.

**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
- 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" and "Forschungsinfrastruktur - FIS" for the LHC upgrade.

Please send your application with the usual documents by **22 December 2017** to:

**Prof. Dr. Arnulf Quadt**  
**II. Physikalisches Institut**  
**Georg-August-Universität Göttingen**  
**Friedrich-Hund-Platz 1**  
**37077 Göttingen, Deutschland**  
**[aquadt@uni-goettingen.de](mailto:aquadt@uni-goettingen.de)**

For further information, please contact [aquadt@uni-goettingen.de](mailto:aquadt@uni-goettingen.de)

The University of Göttingen is an equal opportunity employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply as they are underrepresented in this field. Disabled persons with equivalent aptitude will be favoured.



Hint: Please only submit your application documents electronically. The documents will be disposed after a period of three months.