

The University of Siegen is an innovative and interdisciplinary oriented university with about 17 500 students, 1700 employees, including about 1100 scientists. It offers a wide range of academic subjects from the humanities, social sciences and economics to natural sciences and engineering and therefore an excellent teaching and research environment with numerous inter- and transdisciplinary research projects. The University of Siegen offers many arrangements to reconcile family with job commitments. Since 2006 the University of Siegen is certified as a family-friendly university and offers a Dual Career Service.

In the Faculty of Natural Sciences and Technology there is an opening for a permanent position as

**a research associate**  
(salary group 13 TV-L)

starting November 1<sup>st</sup>, 2013.

**Your responsibilities:**

- Design, development, production, test and maintenance of digital electronics for the research projects of the experimental particle physics group (e.g. ATLAS and Pierre Auger) and their upgrade programs,
- Supervision and maintenance of the group's electronics labs (e.g. logic analyzers, BGA repair station, wire bonder, etc.),
- Supervision of students during their laboratory work (e.g. during their thesis work),
- The teaching load is 8 hours per week.

**You possess:**

- Final degree (Master of science or diploma in physics) in the field of experimental physics, preferably with the emphasis on experimental particle physics,
- Very good graduation preferably in experimental particle physics,
- Several years of experience with digital readout and/or trigger electronics (FPGA based),
- Skills in the area of optical data transmission, ASIC design and/or administration of a Linux cluster are advantageous.

The University of Siegen wishes to increase the proportion of female faculty members, and, for this reason, especially welcomes applications by women. Applications from handicapped persons with the same qualifications are encouraged.

Further information can be obtained from Prof. Dr. Peter Buchholz, tel.: +49 271 7403718,  
E-Mail: [Buchholz@hep.physik.uni-siegen.de](mailto:Buchholz@hep.physik.uni-siegen.de),  
Homepage: <http://www.hep.physik.uni-siegen.de>.

Qualified persons are invited to submit their application (curriculum vitae, certificates etc.) with the advertisement code **2013/Fak IV/Physik/WM/97** until **September 30<sup>th</sup>, 2013** to Prof. Dr. Peter Buchholz, Faculty for Natural Sciences and Technology, Department of Physics, University of Siegen, D-57068 Siegen, Germany, [Buchholz@hep.physik.uni-siegen.de](mailto:Buchholz@hep.physik.uni-siegen.de).

Information about the University of Siegen can be found on our homepage [www.uni-siegen.de](http://www.uni-siegen.de) .