



The University of Siegen is an innovative and interdisciplinary university with some 13.000 students and 1.600 employees, including 1.000 researchers. The University of Siegen offers an excellent study and research environment encompassing humanities and social sciences, as well as economics, natural sciences and engineering and numerous interdisciplinary research projects.

In the Faculty for Electrical Engineering and Computer Science, the following vacancies are to be filled until April 1<sup>st</sup> 2011

**4 Research Scientists**  
(full position, wage group 13 TV-L)

The positions are belong to the **Research Training Group 1564 „Imaging New Modalities“**, funded by the German Research Foundation (DFG), and are limited to 3 years.

**Your Tasks:**

The positions have research scopes in the fields of **THz-Sensor Systems**, **Signal Data Processing** (synthetic aperture), **Face Recognition**, and **Computer Graphics/Visualization**.

**Your Profile:**

Applicants must be graduated in Electrical Engineering, Computer Science or similar (Master or Diploma) with very good or excellent grade. We expect good English knowledge.

For the research scope THz-Sensor Systems a profound knowledge in High Frequency, Optics and strong experimental skills as well as good programming skills are expected.

For the research scope Signal Data Processing a profound knowledge in Communication Theory and Signal and System Theory as well as good programming skills are expected.

For the research scope Face Recognition and Computer Graphics/Visualization a profound knowledge in object-oriented graphics programming (C++) under Linux/Unix or Windows and a profound knowledge on the mathematical basics of Computer Graphics and Image Data Processing is expected.

**Candidates will be given the opportunity to work on their PhD thesis.**

The University of Siegen is an equal-opportunity employer and seeks to raise the amount of women involved in research and teaching. Thus, the application of adequately qualified women is encouraged. Applications from handicapped persons are encouraged. The University of Siegen offers excellent opportunities to combine work and family obligations.

The application and selection procedure is web-based. Applications including a curriculum vitae, certificates, two letters of recommendation and a project proposal should be uploaded on the Research Training Group's website [www.grk1564.uni-siegen.de](http://www.grk1564.uni-siegen.de) until December 10, 2010. The proposal (approx. 2 pages) should describe the nexus between the individual research interests and the research topic in focus.

Further information can be obtained from Prof. Dr. Andreas Kolb, Tel.: ++49 (0)271/740- 2404 or [andreas.kolb@uni-siegen.de](mailto:andreas.kolb@uni-siegen.de). For information on the University of Siegen please refer to the webpage [www.uni-siegen.de](http://www.uni-siegen.de).