

The **Helmholtz Research School on Security Technologies** at the German Aerospace Center and the Technical University Berlin offers

14 PhD Scholarships (m/f) for three years

The mission of the Research School is to contribute to civil security by excellent research and by training and education of young researchers in technology fields which are highly relevant for civil security. Examples are: optical and photonic systems for identification and authentication, sensors, spectrometers and cameras for surveillance applications, optoelectronic and semiconductor components, and information and communication technologies for implementation of security systems. Societal impacts of security are an integral part of the training and research program. The PhD program is guided by leading experts in these fields and offers a wide range of graduate courses, research seminars, summer schools and soft skills training.

We offer

- a PhD scholarship paid according to the rules of the German Research Foundation (DFG)
- a top-level research environment
- an interdisciplinary training program
- intensive courses in soft skills
- stays at labs at partner institutions or abroad
- Berlin – a lively city with a vibrant cultural scene, successful scientific centers of innovation and dynamic business activities

We expect

- study in physics, electrical engineering, computer science or social sciences finished with high marks and a Diploma or Master degree that qualifies for starting a PhD study in Germany. Candidates who are about to earn their degree are welcome to apply.
- fluently spoken and written English is essential
- basic laboratory experience / clinical study experience (dependent on research topic)
- high motivation and dedication for scientific working
- ability to work creatively in a multidisciplinary team

Deadline for application: Wednesday 15th of September 2010.

Detailed information on the application procedure is available at:

www.dlr.de/research_school_security