Leibniz
Universität
Hannover

The Leibniz Universität Hannover and the DAAD jointly award

2 full Scholarships for Doctoral Researchers in Navigation, Robotics, Computer Vision, Geoinformatics, Filtering techniques

The DAAD and the Research Training Group "Integrity and Collaboration in Dynamic Sensor Networks" (www.icsens.uni-hannover.de) jointly award 2 full scholarships for doctoral studies financed by the DAAD Graduate School Scholarship Programme (GSSP). The scholarships will be awarded in 2019.

Desired Skills and Experience
We are looking for highly motivated international candidates with an outstanding M.Sc. degree in geodesy and geoinformatics, information technology, computer science, applied mathematics, robotics, or a related discipline. Furthermore, the ability for interdisciplinary and independent work as well as a very good command of the English language and a passion for learning German are required.

Please take notice of the following requirements:

- we only accept applications of foreign students. German applications will not be considered in the GSSP program,
- by the time of your nomination to the DAAD (December 2018), you must not have been resided in Germany for more than 15 months,
- at the time of application, your last final exam must have taken place no longer than 6 years ago,
- candidates for the scholarships are selected in a multi-step process jointly conducted by the RTG and the DAAD. The final decisions and the financial administration are in the responsibility of the DAAD. Please visit the DAAD website for further information on the application process and the required documents (Guidelines and Information for Foreign Applicants),
- incomplete applications as well as applications which are not submitted to the DAAD in the second step will not be considered.

About the employer
We offer an attractive position in an interdisciplinary team working in a highly relevant topical field of research, which provides excellent opportunities for further professional qualification. The structured supervision program is designed to allow for a graduation within three years.

The offered projects of this GSSP-application cover almost all areas of interest of the research training group. Detailed information about the projects can be found on the i.c.sens-website.

Project 1: Integrity Monitoring for Network-RTK Systems

Project 2: Quality Estimation of Multi-Sensor-Systems (MSS) in a collaborative network

Project 3: Collaborative positioning using imaging sensors

Project 4: Combining probabilistic and interval-based error models for sensor fusion on mobile robots

Project 5: Integrity measures for hierarchical and incremental map data acquisition

Other topics in the context of the research training group are also welcome, if provided with a convincing research statement.
As an equal opportunities employer, Leibniz Universität Hannover intends to promote women in the context of statutory requirements. For this reason, suitably qualified women are specifically invited to apply. Equally qualified applicants with disabilities will be given preferential treatment.

Application process
Please send your application in English or German language in electronic form (PDF) until October 5th, 2018 to the following address:
icsens@ife.uni-hannover.de.

Required Documents are

- CV,
- full academic record (certificates, transcript of record of B.Sc. and M.Sc. or equivalent in English or German language),
- two letters of recommendation from your home institutes (official template of DAAD)
- a research statement (one page) indicating your specific interest in the RTG, highlighting your personal interest and strengths for a specific PhD topic, as well as initial research ideas concerning this topic (please refer to the project number in your statement).

Selection process
Applications will be reviewed by the members of the RTG. Based on academic qualification, research experience, motivation, scientific background and the letters of recommendation, suitable candidates will be selected for an interview to be held in November 2018 in Hannover, Germany or via Skype.
Candidates selected after the interviews will have to submit another complete application form with all supporting documents via the DAAD portal (https://portal.daad.de/irj/portal). The final selection decision is made by a DAAD selection committee.

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Successful applicants will be offered a full doctoral scholarship, financed by the GSSP programme of the DAAD. The monthly grant will be 1.200 EUR plus travel support, insurances, study and research allowances and, if necessary, rent or family allowances.

Contact

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