



**Leibniz
Universität
Hannover**

The Institut für Erdmessung (IfE) invites applications for

Doctoral Researcher on Advanced Inertial Navigation (m/f/d) (Salary Scale 13 TV-L, 100 %)

starting October 1, 2019. The position is limited to 3 years and offers the opportunity for a doctorate.

Responsibilities and duties

Accelerometer and gyroscopes can be realised based on cold atoms as test masses, enabling a very high precision and stability performance. In this research project the benefits and limits of such new sensors will be investigated based on simulation studies and analyses of data from experiments carried out at the Institute for Quantum Optics (IQ) at Leibniz University. The results will be compared to the performance of high-end classical IMU devices. The research will be carried out in close cooperation with the Institute for Quantum Optics and the recently founded DLR Institute for Satellite Geodesy and Inertial Sensing (www.dlr.de/si).

Employment conditions

To qualify for the position, applicants should hold a M.Sc. degree in geodesy, navigation, system engineering, physics, aerospace engineering, robotics, or a related discipline. Furthermore, the ability for interdisciplinary and independent work as well as a very good command of the English and German language are required. Good programming knowledge in MATLAB as well as experiences in INS analyses are expected.

Part-time employment can be arranged on request.

As an equal opportunities employer, Leibniz University Hannover intends to promote women and men. For this reason suitably qualified women are specifically invited to apply. Preference will be given to equally qualified applicants with disabilities.

Applications have to include a CV, the full academic record (certificates, transcript of record of B.Sc. and M.Sc. or equivalent in English or German language).

Please send your application in German or English language in electronic form (PDF) until September 22, 2019 to

Email: icsens@ife.uni-hannover.de or by post to

Gottfried Wilhelm Leibniz Universität Hannover

Institut für Erdmessung

Att. Dr. Katja Lohmann

Schneiderberg 50

30167 Hannover

<http://www.uni-hannover.de/jobs>

For further information, please contact Prof. Dr.-Ing. Steffen Schön (Tel.: 0049 (0)511 762-3397, Email: schoen@ife.uni-hannover.de).

Information on the collection of personal data according to article 13 GDPR can be found at <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>.