

The Rheinische Friedrich-Wilhelms-Universität Bonn is an international research university that offers a wide range of degree programs. With 200 years of history, about 38,000 students, over 6.000 employees, and an excellent domestic and international reputation, Bonn University is among Germany's leading universities. It was awarded the status of a University of Excellence in 2019.

The Chair of Geodesy at the University of Bonn, Germany, which is headed by Prof. Dr. Heiner Kuhlmann, is looking for a motivated and highly capable

Post-Doctoral Researcher (f/m/d)

Our research is concerned with general problems of engineering geodesy and in particular with the generation, analysis and interpretation of 3D data. Application examples are the monitoring of plants and their environments for agricultural purposes and the monitoring of infrastructure.

WE OFFER:

- Fully funded position (TV-L E13)
- 100% employment
- fixed-term contract (3 years, prolongation possible)

RESEARCH AREAS:

- High Precision Reality Capture using LIDAR and Images
- Processing and analysis of point clouds
- Mobile multi-sensor systems
- Laser scanning
- Accurate Localization using GNSS and sensor fusion
- Deformation analysis and Infrastructure monitoring

OUR EXPECTATIONS:

You are a highly motivated capable team player and you want to further develop your career. You identify yourself with our research lab, you are interested in working with systems, support the other members of the team, and engage in and establish joint activities. Additionally, you actively support our teaching activities and guide PhD candidates and other students.

REQUIREMENTS:

- PhD degree in Geodesy, Geomatics, Remote Sensing, Photogrammetry, Robotics, Computer Science, or similar
- Experiences in one or more of the above-mentioned research areas
- Good English language skills; knowledge of the German language is not required, but considered as an advantage

Please send inquiries and applications (CV, letter of motivation, list of publications and similar activities, certificates, and expected availability date) to Prof. Heiner Kuhlmann, University of Bonn, Institute of Geodesy and Geoinformation (heiner.kuhlmann@uni-bonn.de) before the 31.07.2024.

Please combine and convert all of your documents into a single PDF file (smaller than 8 MB).