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.

Starting within the half of 2021, 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. The group develops mobile multi sensor systems (e.g. unmanned aerial vehicles, mobile mapping vehicles) which allow the creation of highly accurate georeferenced 3D data of the environment while flying or driving through it. One of many applications is the monitoring of plants and their environments for agricultural purposes.

We are looking for highly motivated and highly capable team players who want to further develop his / her career. The candidates should identify themselves with our research lab, should be interested in working with systems, support the other members of the team, and engage in and establish joint activities. Finally, the PostDoc should support our teaching activities and guide PhD candidates and other students.

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

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

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

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Inquiries and applications (CV, letter of motivation, list of publications and similar activities, certificates, and expected availability date) should be sent by January 10, 2021 to Prof. Heiner Kuhlmann, University of Bonn, Institute of Geodesy and Geoinformation (heiner.kuhlmann@uni-bonn.de) with the **application code 98/20/3.202.**
Before sending your application, please combine and convert all of your documents into one PDF file (smaller than 8 MB).