



The Agricultural Faculty of the Rheinische Friedrich-Wilhelms-Universität Bonn invites applications for a permanent position

W3 Professorship “Mobile Sensing” (Full Professor)

to be appointed at the earliest time possible.

The newly established professorship will strengthen the DFG Cluster of Excellence PhenoRob (www.phenorob.de). One major aspect within PhenoRob is the interpretation of sensor data acquired from mobile sensor platforms as well as the subsequent execution of specific actions from the mobile platform. Therefore, the professorship should work on one or more of the following topics:

- state estimation and control of mobile platforms;
- acquisition of the 3D information of the surroundings of the platform, e.g., using laser scanning, images, or radar data;
- analysis of point clouds with respect to geometry and/or semantics, e.g., using machine learning approaches; and/or
- autonomous execution of targeted actions related to field environments.

Within PhenoRob, key application areas are related to crops and field environments. Experiences within this domain are welcome but not mandatory.

The candidate must be internationally visible in the above-mentioned research topic and must be experienced in the acquisition of relevant third-party funding as well as the co-ordination of research projects. The professorship will be affiliated with the Institute of Geodesy and Geoinformation (IGG) and will represent the above-mentioned field in research and university-level teaching.

The conditions of employment are according to §36 Hochschulgesetz NRW.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and has a dual career service. It aims to increase the proportion of women in areas where women are underrepresented and to particularly facilitate their careers. Therefore, the University of Bonn strongly encourages applications from qualified women. Applications will be handled in accordance with the State Equality Act (“Landesgleichstellungsgesetz”). Applications from qualified individuals with a certified severe disability and from those of equal status are particularly welcome.

For further information on this professorship please contact Prof. Dr. Cyrill Stachniss, one of the spokespersons of DFG Cluster of Excellence PhenoRob, via email (cyrill.stachniss@igg.uni-bonn.de). Applications should include a cover letter, curriculum vitae, copy of relevant certificates, list of publications, link to a Google Scholar profile free of errors, summary of teaching experience, summary of third-party funding, and a one page research statement. Applications received by **21.06.2021** are guaranteed full consideration. The appointment committee reserves its right to also consider applications submitted after this date. Please apply via our online portal: <https://berufungsportal.uni-bonn.de>