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 at the earliest date possible and preliminarily limited to a fixed contract of three years, the Astronomical, Physical and Mathematical Geodesy Group within the Institute of Geodesy and Geoinformation is seeking a

Postdoctoral Fellow (100%)

The position has been opened in the framework of the DFG-funded project "Identification, tracking, and classification of ocean eddies in along-track radar altimetry data using deep learning (EDDY)", where we will collaborate with the remote sensing and machine learning group of Prof. Ribana Roscher. The successful candidate is expected to play a leading role in the development of methods for fusing conventional and SAR radar altimetry with deep learning approaches, supported by modelling and remote sensing, and including validation experiments. Cooperation with modelers and deep learning experts is envisaged.

Your qualifications:
- a PhD degree in Geodesy, Physical Oceanography, Meteorology, Mathematics, or a related field
- experience in radar altimetry
- proficiency in programming

We offer:
- a varied and challenging position with one of the biggest employers in the area
- participation in the university-wide pension system (VBL)
- access to the extensive university sports program
- an excellent transport infrastructure with the opportunity to obtain a discounted employee ticket for public transportation (VRS) or to use assigned, affordable parking
- a salary based on the 13 TV-L scale

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, expected availability date, and recommendation letter(s) and/or reference contacts) should be sent by **November 23rd, 2020** to Prof. Jürgen Kusche, University of Bonn, Institute of Geodesy and Geoinformation (kusche@uni-bonn.de) with the application code 77/20/3.202. Before sending your application, please combine and convert all of your documents into one PDF file.