



At the Faculty of Medicine of Rheinische Friedrich-Wilhelms-Universität Bonn (University of Excellence), in cooperation with the German Center for Neurodegenerative Diseases e. V. (DZNE), an immediate vacancy for a

W2 Professorship for Artificial Intelligence in Medical Imaging

is to be filled within the framework of a joint appointment according to the Jülich model.

The applicant should have an international reputation in the research field of method development for processing and analyzing medical image data using artificial intelligence techniques. The focus of the scientific activity should be on sustainable, modern AI methods for the automatic analysis of MRI brain data sets, including for research into neurodegenerative diseases and for precision medicine. In addition to excellent subject expertise and a proven publication record, the candidate is expected to have experience in the successful acquisition of national and international third-party funding. Experience in teaching, in the scientific supervision of staff, many years of experience in interdisciplinary collaboration between the fields of computer science and medicine, and a strong willingness to work collaboratively are required.

Connectivity to the research and clinical focuses of the Faculty of Medicine and the University Hospital Bonn, other faculties of the University of Bonn, especially to the departments of computer science and mathematics, as well as to non-university institutions is desired. The professorship has been established to strengthen the faculty's research focus on neuroscience (<https://www.medfak.uni-bonn.de/de/forschung/forschungsschwerpunkte>). The appointment is made jointly by Rheinische Friedrich-Wilhelms-Universität and the DZNE Bonn. The successful candidate will be hired with a full professorship in a civil service position of the state of North Rhine-Westphalia and will be on leave of absence at the DZNE. The position is permanent. The selection is carried out jointly by the DZNE and Rheinische Friedrich-Wilhelms-Universität.

Requirements for employment are a university degree in mathematics or computer science, habilitation or equivalent scientific achievements as well as experience in teaching according to § 36 Higher Education Act NRW. The Faculty of Medicine of Rheinische Friedrich-Wilhelms-Universität Bonn and the DZNE aim to increase the proportion of women among the scientific staff in research and teaching and therefore strongly encourage qualified female scientists to apply. Severely disabled persons will be given preferential consideration if they have the same qualifications.

Qualified applicants are requested to apply via the appointment portal of the University of Bonn (<https://berufungsportal.uni-bonn.de/openProcedureList.do>). Applications can be submitted in German or English by January 5, 2023.

Dean of the Faculty of Medicine
of Rheinische Friedrich-Wilhelms-Universität Bonn
Venusberg-Campus 1, Haus 33, 53127 Bonn, Germany

Information on the application process is available at the following link: (<https://www.medfak.uni-bonn.de/de/fakultaet/karrierewege/akademische-karriere/berufung>)