

The University of Bonn calls for applications for a

Hertz Chair for Artificial Intelligence and Neuroscience (W3, full professorship)

starting as soon as possible.

Establishing Hertz Chairs at the interface of outstanding research areas at the University of Bonn is a central measure following the success of the University of Bonn within the German Excellence Strategy, a funding program of the Federal Government and the German States to support cutting-edge research at universities. Within this measure, the University of Bonn will establish a Hertz Chair on the topic of artificial intelligence and neuroscience within the Transdisciplinary Research Area Life & Health.

Ideal candidates for a Hertz Chair will have a strong track record at the interface of mathematics/computational sciences and the neurosciences. Candidates who focus on the pure exploration of mathematical models and their dynamics will not be considered.

We are looking for a candidate with outstanding scientific achievements who is interested in participating in novel interdisciplinary teaching programs at the interface between life sciences and mathematics. The future chair holder will be expected to contribute to and shape the evolution of a university-wide center for artificial intelligence in the human context. As an outstanding scientific personality, the holder of this Hertz Chair will have access to excellent resources.

The Hertz Chair will be integrated into a vibrant and active research environment. It will be positioned at the interface between highly visible and established research areas in Bonn. These include an outstanding neuroscience community with a focus on circuit neuroscience and behavior at the University of Bonn and at two extra-university research institutes (Research Center caesar within the Max Planck Society and the German Center for Neurodegenerative Diseases within the Helmholtz Association), outstanding expertise in the fields of artificial intelligence, machine learning, robotics and mathematics with a very strong university community, two Clusters of Excellence (Hausdorff Center for Mathematics, PhenoRob – Robotics and Phenotyping for Sustainable Crop Production), an extra-university research center (Fraunhofer Institute for Intelligent Analysis and Information Systems, IAIS) as well as outstanding research structures in the area of human health, where the Faculty of Medicine, the University Hospital Bonn and the ImmunoSensation² Cluster of Excellence have identified precision medicine utilizing AI systems and ML as the key research area for the next decade.

Formal requirements are regulated by § 36 of the Higher Education Act of North Rhine-Westphalia (Hochschulgesetz des Landes Nordrhein-Westfalen).

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university and offers a dual career program. Increasing the proportion of women among scientific staff and promoting women's careers in particular remain priorities of the University. We therefore strongly encourage women with relevant qualifications to apply. The University also encourages suitable candidates with severe disabilities to apply. Applications are processed in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz).

Please find further information on the Transdisciplinary Research Areas of the University of Bonn and the Transdisciplinary Research Area Life & Health here: <https://www.uni-bonn.de/research/research-profile>

For further information on this Hertz Chair, please contact Prof. Dr. Heinz Beck via E-Mail (Heinz.beck@ukbonn.de) or phone (+49-228 6885 270).

Applications received by **November 15, 2020** are guaranteed full consideration. The appointment committee reserves its right to also consider applications submitted after this date.

Applicants are expected to submit the usual documents (cover letter, CV including teaching experience, research interests and research plan, copies of university degrees and certificates, list of publications) in English.

Please apply via our online portal: www.berufungsportal.uni-bonn.de