

The Department of Physics and Astronomy in the Faculty of Mathematics and Natural Sciences of the University of Bonn invites applications for a

**PROFESSORSHIP (W2) FOR EXPERIMENTAL PHYSICS
HADRON PHYSICS**

at the Helmholtz-Institut für Strahlen- und Kernphysik.

Hadron physics together with elementary particle physics is one of the main research areas of the Department of Physics and Astronomy of the university. The experimental hadron physics groups conduct research at the local accelerator ELSA as well as at external laboratories with the experiments GlueX at JLab, PANDA at FAIR, and ALICE, COMPASS/AMBER, and LHCb at CERN.

The research focus of the professorship is expected to be in the field of hadron physics and should extend and strengthen the existing research activities at ELSA. In collaboration with the local groups, the professorship is expected to play a central role in the planning and realization of future experiments at ELSA. Candidates should have an outstanding research profile in the field of hadron physics, in developing and building detector systems as well as in software developments and data analysis.

Participation in existing and future collaborative research projects is expected as well as a significant contribution to the new “Research and Technology Centre Detector Physics” (FTD) at the University of Bonn.

A strong commitment to teach experimental physics in its full breadth is required. This includes teaching in the physics bachelor's/master's programs as well as teaching students from other fields. It is expected that the successful candidate is actively involved in academic self-governance.

Formal requirements are regulated by § 36 HG NRW.

The University of Bonn is committed to diversity and equal opportunities. The University of Bonn is certified as a family-friendly university and has a Dual Career Service. Its aim is to increase the proportion of women in areas where women are underrepresented and to particularly promote their careers. It therefore strongly encourages applications from qualified women. Applications are handled in accordance with the State Equal Opportunities Act. Applications from suitable persons with proven severe disabilities and persons of equal status are particularly welcome.

Applications are requested by 09/30/2023 through the application web portal of the University of Bonn (<https://berufungsportal.uni-bonn.de>).

Any questions should be directed to the office of the Physics and Astronomy Department (fachgruppe@physik-astro.uni-bonn.de).