



UNIVERSITÄT BONN



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 Tenure Track W3) for Experimental Physics Strong Interaction 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 Physics Department of the university. The experimental groups conduct research at the local accelerator ELSA as well as at external laboratories with the experiments PANDA at FAIR, ALICE, COMPASS and ATLAS at CERN, and Belle/Belle2 at KEK.

The research focus of the professorship is expected to be in the field of exotic states of the strong interaction and should extend and strengthen the existing research activities in the area of meson and/or baryon spectroscopy. Possible research topics are: the spectroscopy of hadrons with heavy quarks, exotic quark configurations or gluonic degrees of freedom. Candidates should have an outstanding research profile in developing and building detector systems as well as in data analysis.

The candidate is expected to contribute significantly to the new "Research and Technology Centre Detector Physics" (FTD) at the University of Bonn. Participation in new collaborative research projects is desired as well as a collaboration with the CRC 110 "Symmetries and the Emergence of Structure in QCD".

Teaching at the usual level for such a professorship is required.

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 program. 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.

Applicants are invited to send the usual documents electronically (curriculum vitae, summary of research interests, list of publications, copies of all university certificates) by **July 1st, 2018** to the Chairperson of the Department of Physics and Astronomy: fachgruppe@physik-astro.uni-bonn.de.