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 Particle Physics at the Physikalisches Institut.

Particle Physics is one of the three main research areas of the Department of Physics and Astronomy at the University of Bonn. The experimental particle physics groups are engaged in research at external accelerators with the experiments Belle/Belle II in Japan, ATLAS, ALICE and COMPASS at CERN, PANDA at FAIR as well as experiments at the university’s own accelerator ELSA. The department wants to strengthen its research in experimental particle physics, in particular in the area of B-meson physics. Candidates should have experience in experiments with B mesons and be interested in making strong contributions to the research program of the Belle II experiment at the SuperKEKB B-factory in Japan. Possible areas of research at Belle II include precision measurements of fundamental parameters of the Standard Model, semileptonic and rare decays, CP violation, and indirect searches for new phenomena in B decays. An active participation in coordinated research activities would be very welcome.

Successful candidates should be able to teach experimental physics in its full breadth and have an outstanding track record in data analysis and development and construction of experiments at particle accelerators. The candidate is expected to contribute significantly to the new “Research and Technology Centre Detector Physics” (FTD) at the University of Bonn.

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 underrepresented 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 June 15th, 2018 to the Chairperson of the Department of Physics and Astronomy: fachgruppe@physik-astro.uni-bonn.de