

The Rheinische Friedrich-Wilhelms-University of Bonn is an international research university with a broad range of subjects. With 200 years of history, about 38.000 students, more than 6.000 members of staff and an excellent national and international reputation, the University of Bonn ranks among the most renowned universities in Germany and has been awarded the title Excellence University.

The Research and Technology Center Detector Physics (Forschungs- und Technologiezentrum Detektorphysik, FTD) invites applications for a permanent position as

## Head of Electronics (100%)

The newly established FTD, jointly operated by two institutes (Physikalisches Institut, PI and Helmholtz-Institut für Strahlen- und Kernphysik, HISKP) of the physics department, has about 80 employees and bundles the research and development activities of both institutes in the field of detector physics. The research activities extend from hadron and particle physics to photonics.

### Your tasks:

- Coordinating and managing the staff in the joint electronics pool FTD/HISKP/PI,
- Development of front-end, readout and control electronics,
- Interface to the research groups at the FTD,
- Support of the research groups in questions of electronics,
- Supervision and maintenance of the devices in the electronics pool,
- Willingness to travel to research institutions abroad for several weeks,
- Engagement in teaching,
- Willingness to obtain the necessary qualifications in radiation protection.

### Your profile:

- University education (master's degree/diploma) in physics or electrical engineering,
- Experience in project coordination and personnel management,
- Experience with front-end and readout electronics, ideally in the context of particle detectors,
- Experience in programming of FPGAs, microcontrollers, etc.,
- Ability to cooperate and to work in a team,
- Fluency in German and/or English, with the intent to acquire missing knowledge in one of these languages.

### We offer:

- A diverse and challenging appointment with one of the biggest employers in the region and security of employment,
- Occupational retirement scheme (VBL),
- Numerous offers for University sports,
- A very good connection to public transport and the possibility to purchase a VRS-large customer ticket or to use low-priced parking offers,
- Permanent appointment with remuneration according to salary group 13 TV-L.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and has a dual career service. It aims to increase the proportion of women in areas where women are underrepresented and to particularly facilitate their careers. Therefore, the University of Bonn strongly encourages applications from qualified women. Applications will be handled in accordance with the State Equality Act ("Landesgleichstellungsgesetz"). Applications from qualified individuals with a certified severe disability and from those of equal status are particularly welcome.

Applications for this position should include a cover letter, curriculum vitae, copy of relevant certificates, list of publications, and other relevant documents, and should be sent in a single PDF file, stating the vacancy number 22/21/331, by email to [sprecher@ftd.uni-bonn.de](mailto:sprecher@ftd.uni-bonn.de) before November 30, 2021. For further information, please contact the spokespersons of the FTD, Prof. Dr. Jochen Dingfelder ([Jochen.Dingfelder@uni-bonn.de](mailto:Jochen.Dingfelder@uni-bonn.de)) and Prof. Dr. Bernhard Ketzer ([Bernhard.Ketzer@uni-bonn.de](mailto:Bernhard.Ketzer@uni-bonn.de)).