

GSI Helmholtzzentrum für Schwerionenforschung operates a unique large-scale accelerator for ions. Researchers from around the world use this facility for experiments which help them make fascinating discoveries concerning the building blocks of matter and the evolution of the universe. In addition, they continually develop novel applications in medicine and technology. In the coming years the new international accelerator facility FAIR (Facility for Antiproton and Ion Research), one of the largest research projects worldwide, will be built at GSI.

In the **SHE-Physics** Department (Physics of super heavy elements) at the GSI Helmholtzzentrum in Darmstadt we are looking for a

**Physicist (PhD) Experimental atomic/nuclear physics / (f/m)**

**-Tenure Track -**

**Posting-ID: 1210-18.33**

**The successful candidate will work on the following tasks:**

- Operation of the velocity filter SHIP
- Operation, maintenance and development of different laser systems (Excimer-, dye- and solid state lasers).
- Independent preparation, performing, and analysis of SHE experiments.
- Support of the experimental program of the SHE physics department.
- supervision of students and postdocs
- responsible for the work safety of the experimental area SHIP/SHIPTRAP

**Applicants should fulfil the following criteria:**

- PhD in experimental atomic or nuclear physics
- experience in SHE research and, ideally, expertise with laser spectroscopy of radionuclides is expected
- sound expertise in the operation of Excimer, dye and solid state laser systems highly desirable
- good communication skills, team working abilities and a precise, structured approach to working
- very good verbal and written English

The position is initially limited for 3 years in line with a tenure-track treatment. After positive evaluation it is possible to transfer in an unlimited employment. Salary is equivalent to that for public employees as specified in the collective agreement for public employees (TVöD Bund).

GSI supports the vocational development of women. Therefore women are especially encouraged to apply for the position.

Severely disabled applicants with equal qualifications will be given preference.

Further details about FAIR and GSI are given on the websites [www.fair-center.eu](http://www.fair-center.eu) and [www.gsi.de](http://www.gsi.de)

If you find this position interesting and challenging, please send your complete application including the usual documents along with at least three references and the above Posting-ID by **March, 16th 2018** to

**GSI Helmholtzzentrum für Schwerionenforschung GmbH**

**ABTEILUNG PERSONAL**

**PLANCKSTRASSE 1**

**64291 DARMSTADT**

or by email to: [bewerbung@gsi.de](mailto:bewerbung@gsi.de)