

---

GSI Helmholtzzentrum für Schwerionenforschung GmbH is a large research center with currently about 1350 employees, operating an internationally leading accelerator facility for heavy ions for an international science community of over 1500 researchers, to perform top-class experiments in nuclear, atomic and plasma physics as well as in materials and space research, and applications of ion beams in tumor therapy. In the coming years, the international Facility for Antiproton and Ion Research (FAIR), one of the largest basic research projects worldwide, will be built at GSI. FAIR will open up a worldwide unique research program enabling more than 3000 scientists from all over the world to gain new insights into the structure of matter and the evolution of the universe from the Big Bang to the present.

For this research environment, GSI invites candidates for the position of the

**Head of the IT Department (m/f)**

**Posting ID: 9100-17.115**

The IT Department, organized in the responsibility area of the joint Scientific Managing Director of GSI and FAIR, has about 50 employees and covers all central IT aspects of GSI and FAIR.

**In particular it provides:**

- employees and users on the GSI campus with an adequate working environment (e.g. desktops, phones, network access),
- an efficient environment for the operation of central computing systems at GSI (e.g. data centers, cloud environment),
- an adequate working environment for the international FAIR collaborations (e.g. communication systems, common workload management systems to integrate computing resources from international partners into common workload management systems),
- the international FAIR and GSI collaborations with adequate on-campus computing support (e.g. data storage and computing systems, network connections to external partners, development support),
- support with regard to scientific computing (e.g. software for data analysis) according to specific needs of individual groups at GSI/FAIR where possible with reasonable effort.

We search for a physicist or a computer scientist with several years of experience in leading a common IT division or department, preferentially at a large research infrastructure or a university. Building on the existing IT expertise and IT infrastructure at GSI and FAIR, he/she, in cooperation with the GSI/FAIR partner institutions, further develops and implements the strategy towards establishing the central Tier-0 Compute and Analysis Center as well as the general IT environment for employees and users of GSI and FAIR.

**Besides experience in leading a IT division or department, the successful candidate should have:**

- profound knowledge of modern, energy-efficient high performance computing systems including their operation,
- expertise and longstanding experience in scientific computing incl. on line-systems for large scale experiments, preferentially in particle or/and nuclear physics,
- experience in providing IT services to scientific-technical support and installation personnel, and knowledge of hard and software systems used in this area,



Facility for Antiproton and Ion Research



Helmholtzzentrum für Schwerionenforschung GmbH

- 
- familiarity with the common systems/ services of basic IT and their operation/ provision for a large community of employees and users,
  - sound knowledge of and experience, ideally through active participation as project or sub-project leader, in national and European Initiatives and Networks for High Performance/Scientific Computing and Big Data.

GSI and FAIR intend to increase the number of female employees in leading positions and encourage female candidates to apply.

In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference.

Please send your application including CV, publication list and a record of previous activities by **31.01.2018** to:

**GSI Helmholtzzentrum für Schwerionenforschung GmbH  
ABTEILUNG PERSONAL  
PLANCKSTRASSE 1  
64291 DARMSTADT**

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

**Grading according to qualification**