

With about 1200 employees and an annual operation budget of approx. 100 million €, the GSI Helmholtzzentrum für Schwerionenforschung GmbH (GSI) is the German national laboratory for hadron and nuclear physics as well as other research disciplines exploiting high-energy heavy ion beams. GSI operates a large research infrastructure, comprising unique accelerator and experimental facilities, a high power laser system and high performance computing facilities.

In the coming years, the new Facility for Antiproton and Ion Research (FAIR), one of the largest research projects worldwide, will be built on, and adjacent to, the premises of GSI. FAIR will provide antiproton and ion beams with unprecedented intensity and quality. FAIR consists of several accelerator and storage rings with up to 1,100 meters in circumference, two linear accelerators and about 3.5 kilometres beam lines. The existing GSI accelerators will serve as injectors. The construction of the new facility started in 2010 and is planned to be completed by 2019 at a cost of € 1.6 billion.

Both companies, the FAIR GmbH and GSI GmbH, closely collaborate in all scientific, technical and administrative aspects. In order to further improve the collaboration and to streamline the underlying management structures, a joint Management Board will be established for the FAIR GmbH and the GSI GmbH with joint positions for the Scientific Director (CEO), the Administrative Director (CFO) and the Technical Managing Director (CTO). The Scientific Director is the Chairperson of the Management Board.

We are inviting qualified candidates to apply for the following position

Joint Technical Managing Director (m/f) for FAIR GmbH and GSI GmbH

Responsibilities

The Technical Managing Director will be one of the legal representatives of both the FAIR GmbH and GSI GmbH.

Under the overall supervision of the FAIR Council and the GSI Supervisory Board (Aufsichtsrat), he/she works closely with the other members of the Management Board as well as with the different FAIR and GSI Directors on all matters concerning the integration, coordination and execution of the FAIR project as well as on the operation and further development of the existing technical infrastructure at GSI. He/She reports to the FAIR Council and the GSI Governing Board.

The responsibilities and duties of the Technical Managing Director include:

- Coordination, integration and execution of the three sub-projects “Site and Buildings”, “Accelerators”, “Experiments” established in the GSI GmbH and FAIR GmbH respectively
- He/She is responsible and supervises the execution and integration of the FAIR subprojects necessary for constructing and commissioning of the FAIR facility in time and on budget. The sub-projects and tasks encompass: (i) the Site & Buildings projects for the new FAIR facility, (ii) the entire FAIR accelerator project; (iii) the integration of the experimental detectors that are to be constructed for future FAIR research, and (iv) the project for installing a high performance compute centre for FAIR
- He/She liaises on technical issues with the FAIR Technical Committees (e.g. the Machine Advisory Committee, MAC), as well as with authorities in research institutes and industrial companies of the Partner States.

Professional Requirements

The successful candidate will have:

- An advanced university degree in Accelerator or Experimental Physics, or related disciplines containing or combining the necessary know-how
- A minimum of five years of relevant experience in a leading role in management and project development of a major research project or a research laboratory
- Demonstrated skills and sensitivity in representing a scientific institution to national and international bodies and authorities
- A record of building strong liaisons with national and international institutes and industrial companies and furthermore, a record of negotiating constructively with a focus on impact and result
- Demonstrated leadership abilities regarding the integration of the subprojects Civil Construction, Accelerators and Experiments during the construction phase
- A demonstrated background regarding cost effective management of complex structures, the knowledge of the legal framework, funding regulations, procedures, and best practices of research institutions is a strong advantage
- Good oral and written communication skills, proficiency in English and German (further language skills would be an asset).

The Technical Managing Director will be appointed for a term of five years in office starting at the earliest possible date. Reappointment is possible.

FAIR GmbH as well as GSI GmbH are both equal opportunity, affirmative action employers and encourage applications from women.

Details about the FAIR GmbH and the GSI GmbH can be found by www.fair-center.de and by www.gsi.de

Applicants are asked to send an application before October 10th, 2014, including a detailed curriculum vitae, to the Chair of the GSI Supervisory Board and Chair of the FAIR Council,

Dr. Beatrix Vierkorn-Rudolph,
c/o Federal Ministry of Education and Research (BMBF),
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or by e-mail (Beatrix.Vierkorn-Rudolph@bmbf.bund.de), who may be contacted for any additional questions or informations.