

**Are you looking for a new professional challenge?
Then this is the place to be!
Become part of our international team!**



February 25, 2021

For the coordination of the activities within the center of excellence for high-performance computing (NHR) at the Zuse Institute Berlin, we are looking for a

HPC / NHR Service Center Manager (m/f/d)
Reference code: WA 15/21
Pay grade: TV-L Berlin E14 (100%)

With an opportunity to start at the earliest possible date, this vacancy offered is a fixed-term contract until December 31, 2025. Subsequently, there is the possibility of a permanent contract.

The Zuse Institute Berlin (ZIB) is an interdisciplinary research institute for applied mathematics and data-intensive high-performance computing. Its research focuses on modeling, simulation, and optimization with scientific cooperation partners from academia and industry. Since January 2021, the ZIB has been extending its scientific services by offering HPC consulting for scientists in Germany and international projects as part of the nationwide HPC initiative “NHR” (Nationales Hochleistungsrechnen – NHR). We operate compute and storage resources at a top level. Currently, our HPC system “Lise”, with its 8 PFLOP/s peak performance, provides a platform to realize demanding computational tasks and data analysis workflows to solve complex scientific questions. The “Lise” system comprises 120,000 compute cores, 500 TB distributed memory, and 8 PB persistent online storage.

Your responsibilities:

- Technical and administrative leadership to HPC consulting and HPC operations of the NHR Center in context of the NHR Alliance.
- Contributing to the further development of NHR services including training activities taking into account the evolving user requirements and technological trends.
- Contributing to planning, selection and acceptance of HPC production and test systems including coordination of their integration into the local IT infrastructure (network, tape archive, security infrastructure), the cooling infrastructure, and the energy supply.
- Conducting HPC-related research to publish at international scientific conferences and in journals.

Requirements:

- Proven very good knowledge of parallel computer architectures (processors, memory systems, HPC interconnects) and the use of highly-parallel HPC systems in application sciences
- Good knowledge about operating HPC systems
- Experience in personnel management, desirably several years of experience
- Fluent knowledge of German and English business language

We expect creativity, the ability to work in a team, flexibility and the willingness to travel, also outside Germany. Furthermore, we expect a high degree of professionalism with attention to detail and commitment.

We are offering a friendly working atmosphere with flexible work and meeting times, excellent equipment and a challenging professional environment

as well as

- comprehensive training in a competent and cooperative team,
- an additional pension scheme (VBL),
- 30 days annual leave, flexible working hours (flexitime),
- a salary in accordance with TV-L (Collective Agreement for the Public Service of the Federal States), taking into account the relevant professional experience,
- an end-of-year bonus,
- discounted BVG (public transport) ticket as part of the capital city allowance,
- and the use of canteens and sports programs of the Freie Universität Berlin (FUB) at reduced rates.

Female applicants are highly encouraged to apply. Since women are underrepresented in information technology, the ZIB is trying to increase the proportion of women in this research area.

Applicants with disabilities will be given preference if equally qualified.

Please send your application, quoting the reference code **WA 15/21**, including a cover letter, a CV and further documents in pdf-format by **March 26, 2021** (date of receipt) to: jobs@zib.de.

Our private policy statement regarding application data is available at www.zib.de/impressum.

For further information about the position, please refer to our websites www.zib.de and www.hlrn.de or contact Dr. Thomas Steinke (steinke@zib.de).

For further job offers please visit our website at www.zib.de/jobads.