

Hier  
entsteht  
Zukunft!



UNIVERSITÄT  
DES  
SAARLANDES

Foto: Oliver Dietze



Saarland University is a campus university with an international reputation for research excellence, particularly in computer science and in the life sciences and nanosciences. The university is also distinguished by its close ties to France and its strong European focus. Around 17,000 students, studying over one hundred different academic disciplines, are currently enrolled at Saarland University. Saarland University is officially recognized as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4000 it is one of the largest employers in the region.

The Center for Scientific and High-Performance Computing (CSHPC) is inviting applications for the following position commencing **at the earliest opportunity**.

## Academic research assistant (m/f/x)

**Reference number W2787**, salary in accordance with the German TV-L salary scale<sup>1</sup>, pay grade: E13 TV- L, duration of employment: End of 2028 with the aim of making the position permanent, volume of employment: 100 % of standard working time.

### Workplace/Department:

The newly founded Center for Scientific and High-Performance Computing (CSHPC) will serve as a central scientific institution offering high-performance computers and related services to all departments at Saarland University and will represent the university in the national high-performance computing initiative (NHR). The scope of work includes the setup, support, and continuous development of high-performance computers at the CSHPC. This includes the installation, configuration, and optimization of HPC cluster components, including network, storage, and job management systems, as well as ensuring stable and secure operation. The role also involves error analysis, performance monitoring, automation of administrative processes, and implementation of new technologies. In addition, the role supports scientific users with technical issues, is responsible for documenting the system environment, and participates in strategic planning for the further development of the infrastructure.

### Job requirements and responsibilities:

- Installation, configuration, operation, and maintenance of HPC systems
- Ensuring the availability, stability, and performance of HPC systems and design of related strategies
- Maintenance and further development of the HPC software stack, including compilers, libraries, batch systems (e.g., SLURM), and development tools
- User administration, monitoring, and error analysis
- Development and delivery of basic training and advice for users of high-performance computing users
- Analysis of user requirements for high-performance computers

<sup>1</sup> TV-L = collective agreement on remuneration of public sector employees in the German *Länder*

- Support for users with technical problems and advice on HPC application issues
- Documentation of the system environment, processes, and administrative activities
- Participation in and representation of the CSHPC in working groups of the ZKI (Center for Communication and Information Processing in Teaching and Research) and other university- and state-wide committees

#### **Your academic qualifications:**

- Completed university studies in computer science or a related field
- Language skills (according to GER): German C1

#### **The successful candidate will also be expected to:**

- Experiences with the administration of Linux-based systems, ideally HPC infrastructures
- Experience with version control systems and CI pipelines, for example via GitLab, as well as with virtualization and container technologies
- Strong communication skills and service orientation
- Ability to work in a team
- Organizational skills and reliability
- Language skills (according to GER): English C2

#### **What we can offer you:**

- A flexible work schedule allowing you to balance work and family, among other things the possibility of teleworking
- Secure and future-oriented employment with attractive conditions
- A broad range of further education and professional development programmes (for example language courses)
- An occupational health management model with numerous attractive options, such as our university sports programme
- Supplementary pension scheme (RZVK)
- Discounted tickets on local public transport services ('Job-Ticket Plus' of the saarVV)

We look forward to receiving your **meaningful online application** (in a PDF file) by **16.02.2026** to **administration@cs.uni-saarland.de**. Please include the reference number **W2787** in the subject line of the e-mail.

If you have any **questions**, please contact us for assistance. Your contact:

Herr Erich Reindel

Executive Computer Science Department

Tel.: +49 681 302 58091; Email: [administration@cs.uni-saarland.de](mailto:administration@cs.uni-saarland.de)

Pay grade classification is based on the particular details of the position held and the extent to which the applicant meets the requirements of the pay grade within the TV-L salary scale. Part-time employment is generally possible.

If you have obtained a foreign university degree, a proof of the equivalence of this degree with a German degree by the Zentralstelle für ausländisches Bildungswesen (ZAB) is needed before hiring. If necessary, please apply for this in time. You can find more information at <https://www.kmk.org/zeugnisbewertung>.

Unfortunately, neither costs for attending an interview at Saarland University nor costs for any certificate evaluation by the ZAB can be reimbursed in principle.

We welcome applications regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. In accordance with its policy of increasing the proportion of women, the University actively encourages applications from women. Applications from severely disabled persons will be given preferential consideration in the event of equal suitability.

When you submit a job application to Saarland University you will be transmitting personal data. [Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung](#). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.