

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 NT Faculty is inviting applications for the following position commencing at the earliest opportunity.

Academic research assistant (m/f/x)

Reference number W2662, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV- L, duration of employment: 2 years, unlimited extension possible., volume of employment: 100 % of standard working time.

Workplace/Department:

NT Faculty, Core Facility „High Resolution Microscopy“ (2 Positions available)

You will be part of the newly established microscopy core facility located within the center for biophysics, an interdisciplinary research center focused on non-equilibrium processes in biological systems, in particular, cellular systems. A new research building is currently under construction on the Saarbrücken campus and is scheduled for completion in 2025/26. Covering an area of 3800 m², the building will house at least 6 key experimental laboratories and a newly established microscopy core facility. Within this facility, advanced optical microscopes are available to users with different academic backgrounds for a range of fluorescence microscopy techniques, including confocal, TIRF, and STED.

In this dynamic and interdisciplinary environment, you will have the opportunity to work with cutting-edge technology and to contribute to a broad range of research projects. As microscopy specialist, you will support the operation and maintenance of the facility's microscopes, assisting researchers in utilizing the various microscopy techniques for their samples.

We are looking for technically adept, interdisciplinary individuals who are as passionate about tackling technical challenges as they are about working with people from diverse professional backgrounds, educational levels in an international environment.

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

The pay grade assigned to an employee depends on their professional qualifications and the number of years of service. Each pay grade is further subdivided into levels. Entry-level employees with no previous experience will initially be assigned a level 1 rating. After one year at level 1 of the E10 pay grade, an employee will move up to level 2. After a further two years, the employee will move to level 3, etc.

Job requirements and responsibilities:

- Provide technical support for researchers, including training in microscopy techniques and image analysis software.
- Supporting researchers in the choice of the proper microscopy technique for their particular research problem.
- Ensure the proper functioning of microscopes through regular maintenance and troubleshooting.
- Oversee biosafety, laser safety, and compliance with laboratory protocols.
- Assist in developing and modifying microscopy setups, in collaboration with workshops or external companies.
- Perform imaging services for external users if needed.
- Identify future equipment needs, configure microscope systems, write and coordinate funding applications for additional microscopy set-ups.
- Contribute to microscopy courses and workshops for students and researchers.
- Maintain the Core Facility homepage.

Your academic qualifications:

- Completed scientific university studies in life sciences, biophysics, or a related field.
- Language skills (according to GER): fluent English.

The successful candidate will also be expected to:

- Hold a PhD degree in life sciences, biophysics, or a related field.
- Extensive experience in light microscopy, including fluorescence and advanced techniques (e.g., STED).
- Knowledge of optical and mechanical components of microscopes.
- Proficiency in microscopy image analysis software.
- Experience in troubleshooting and maintaining scientific instruments.
- Hands-on skills for assembling and modifying microscopy setups.
- Basic understanding of cell biology to support researchers in life science with the choice of the right imaging technique.
- Strong organizational and communication skills.
- Experience with core facility administration, including booking systems and budget management.
- Fluency in English or German (spoken and written); advanced knowledge in the second language is not a strict requirement, though an advantage. We expect candidates to commit to improving their German/English language skills if they are not fluent. Ability to work independently and collaboratively in a research environment.
- Language skills (according to GER): Basic German and the willingness to improve

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 **17.06.2025** to f.lautenschlaeger@uni-saarland.de. Please include the reference number W2662 in the subject line of the e-mail.

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

Prof. Dr. Franziska Lautenschläger

f.lautenschlaeger@physik.uni-saarland.de

Tel.: 0681-9300 460

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.