

Hier
entsteht
Zukunft!



Saarland University is a campus university that is internationally recognized for its strong research programmes. Fostering young academic talent and creating ideal conditions for teaching and research are a core part of the university's mission. As part of the University of the Greater Region, Saarland University enables students and staff to share and exchange knowledge and ideas between disciplines, between universities and across borders. With over 17,000 national and international students, studying more than a hundred different academic disciplines, Saarland University is a diverse and dynamic learning environment. [Saarland University is officially recognized as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4,000 it is one of the largest employers in the region.]

The **Center for Quantum Technologies at Saarland University** is inviting applications for the following position commencing at the earliest opportunity.

1 PostDoc position (f/m/d) in Control of Quantum Systems

Reference number W2807, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV- L, duration of employment: 2-3 years, volume of employment: 100 % of standard working time.

Workplace/Department:

At Saarland University, a new Center for Quantum Technologies (QuTe) has been founded in 2025. This center pursues research on quantum technologies in a broad sense, on the „hardware“ side (in quantum physics, quantum optics and quantum engineering) as well as on the „software“ side (in quantum information, theoretical physics / computer science / mathematics and quantum computing). The center is truly interdisciplinary at the interface of Physics, Systems Engineering, Computer Science, and Mathematics. It will include an outpost of the Forschungszentrum Jülich with which it will closely collaborate.

This position will be located within the group of Prof. Kathrin Flaßkamp (Systems Modeling and Simulation, associated with QuTe) at the Department of Systems Engineering, Saarland University. The group's research covers topics in optimal control, modeling of dynamical systems, numerical simulation, identification, multiobjective optimization, and machine learning, ranging from method development to applications in various fields.

Job requirements and responsibilities; academic qualifications:

We are offering a PostDoc positions (for 2-3 years) with a focus on control of quantum systems.

The candidate will have an outstanding Master's degree and PhD in Engineering, Mathematics, Physics, or related, and a strong background in the area of control. Having previously worked within quantum systems and control is desirable; otherwise, make sure your research plan explicitly describes your planned research topic within this area.

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.

Research within QuTe will be of interdisciplinary nature, we further expect collaboration with the Chair of Systems Theory and Control Engineering. The candidate is expected to contribute to teaching in Systems Engineering Bachelor/Master programs; further opportunities for professional development are offered.

At Saarland University, we view internationalization as a process spanning all aspects of university life. We therefore expect members of our professorial staff to engage in activities that promote and foster further internationalization. Special support will be provided for projects that continue with or expand on collaborative interactions within existing international cooperative networks, e.g. projects with partners in the European University Alliance Transform4Europe (www.transform4europe.eu) or the University of the Greater Region (www.uni-gr.eu).

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' of the saarVV)
- Job bike leasing (JobRad)

We look forward to receiving your **meaningful online application** by **20.04.2026** to **kathrin.flaskamp@uni-saarland.de**. Please include the reference number **W2807** in the subject line of the e-mail. Application documents must be uploaded as a single PDF file (max.10MB) and must include the following documents:

- A letter of application, which should include your contact data and email,
- your CV/résumé including details of study program and electronic copies of your certificates,
- details of your PhD project and your subsequent research, your teaching experience (if applicable), a complete list of publications highlighting your three most relevant publications regarding your planned research at QuTe,
- a statement of your scientific experience/interests and of your previous and planned research and your record in acquiring third-party funding (if applicable).

If you have any **questions** about the position, please contact:

Prof. Kathrin Flaßkamp (email: kathrin.flaskamp@uni-saarland.de) directly; for general questions on the planned Center for Quantum Technologies (QuTe) contact **Prof. Moritz Weber** (email: qute@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.