

**Hier
entsteht
Zukunft!**

Foto: Oliver Dietze



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 Research Training Group **"Diagnostic and instructional support in AI based learning scenarios"** is inviting applications for the following position commencing 01 October 2025.

Academic research assistant (m/f/x)

Reference number W2699, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV- L, duration of employment: three years, volume of employment: 75 % of standard working time.

Workplace/Department:

The graduate program "Diagnostic and Instructional Support in AI-Based Learning Scenarios" investigates the framework conditions and potential applications of AI-based systems for the diagnosis and promotion of learning processes, particularly in the context of learning with new media, from the perspectives of psychology and educational science.

The aim of the project is also to promote a joint research and application focus within a network of all sub-disciplines of educational science.

The doctoral positions offer a unique opportunity to work in a stimulating scientific context. We offer a comprehensive, high-quality qualification and supervision program for doctoral students in the Research Training Group. This program includes scientific and methodological training that is conducive to both academic and non-academic careers. Joint activities for doctoral candidates and events for all members of the Research Training Group are intended to promote cooperation and communication. In addition to the environment of the Research Training Group, each doctoral candidate is integrated into the team of his/her doctoral supervisor.

The project will commence with a group of five doctoral projects, to be complemented by doctoral projects from staff at the participating chairs. Your task is to carry out research with international relevance in the research areas of the Research Training Group. You will develop your doctoral project in collaboration with your supervisors, working within the framework of the Research Training Group 's research program. The position is structured to enable completion

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

of the doctoral program within a three-year period. In your application, please indicate up to three preferences for subsequent research projects.

Research projects and participating researchers:

F1: AI-supported diagnostics of effective strategic behaviour and AI-supported adaptive strategy training in complex problem solving (Prof. Dr. Jörn Sparfeldt)

F2: Personalized interventions to increase physical activity-specific self-efficacy: An AI-supported support approach (Prof. Dr. Robin Stark)

F3: Promoting students' self-regulated learning: Potentials of AI-supported feedback systems (Prof. Dr. Franziska Perels)

F4: Collaborative knowledge construction with multiple, distributed representations in peer-to-peer vs. peer-to-AI collaboration (Prof. Dr. Roland Brünken)

F5: Knowledge co-construction in hybrid intelligence systems: the impact of generative AI-based conversational agents on (jointly) invested mental effort (Prof. Dr. Armin Weinberger)

Your academic qualifications:

- Completed scientific university studies in psychology, education science, educational technology or a comparable field.
- Language skills (according to GER): German – C2

The successful candidate will also be expected to:

- Be enthusiastic about educational and psychological research and be interested in the research focus of the research group
- Demonstrate very good methodological skills (quantitative and/or qualitative) and the willingness to develop further in this regard
- Have a high affinity for digital technologies and their application in the context of educational science
- Enjoy working reliably, independently and with commitment
- Be interested in developing and implementing research ideas in a team
- Be willing to implement open and transparent research criteria (open science) in your own research (e.g. preregistrations, open materials, code and data)
- Language skills (according to GER): German C 2

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)

Online Application

We look forward to receiving your **meaningful online application** (in a PDF file) by **22.08.2025** to **r.stark@mx.uni-saarland.de** (please enter your mail address here). Please include the reference number **W2699** in the subject line of the e-mail.

Written Application

We look forward to receiving your **(written) application**. Please quote **reference number W2699** when applying. Applications must be received by no later than 22 August 2025 and should be sent to the following address:

Universität des Saarlandes
Univ.-Prof. Dr. Robin Stark
Department of Education
Building A4 2
66123 Saarbrücken
Germany
Email: r.stark@mx.uni-saarland.de

Application documents will not be returned. Please only submit copies of your documents and do not use plastic wallets, folders, ring binders, etc.

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

Herr Prof. Dr. Robin Stark
r.stark@mx.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.