

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 Research Training Group "Neuroexplicit Models of Language, Vision, and Action" is inviting applications for the following position commencing **01 September 2025**

Doctoral Research Position (m/f/x)

Reference number W2616, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV- L, duration of employment: 4 years until 31.08.2029, volume of employment: 100 % of standard working time.

Workplace/Department:

The RTG "Neuroexplicit Models of Language, Vision, and Action" develops novel models to accurately solve tasks in natural language processing, computer vision, and action-decision making. Neuroexplicit models combine neural and human-interpretable ("explicit") components; these include e.g. symbolic and physics-based models. We aim to improve the state of the art through the use of neuroexplicit models and investigate general machine learning design principles for effective neuroexplicit models.

Job requirements and responsibilities:

The Research Training Group will fund several PhD students and brings together five world-class research institutions on the same campus: Saarland University, the Max Planck Institutes for Informatics and for Software Systems, the CISPA Helmholtz Center for Information Security, and the German Research Center for Artificial Intelligence (DFKI). Through the inclusion of ~20 PhD students and postdocs funded from other sources, the RTG will be one of the largest research initiatives on neuroexplicit models in the world. We aim to recruit internationally and create a tight-knit, interdisciplinary research team through a joint qualification program. For more information, see <https://www.neuroexplicit.org/about>.

Your academic qualifications:

- Completed university studies in computer science, artificial intelligence, computational linguistics, visual computing, or a related discipline (a completed Master's degree).

The successful candidate will also be expected to:

- Language skills (according to GER): English C1 (e.g.: German -C2) (option necessary language skills)

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

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)

We look forward to receiving your **meaningful online application** (in a PDF file) by **24.03.2025** to apply@neuroexplicit.org. Please include the reference number **W2616** in the subject line of the e-mail.

Please submit your application at apply@neuroexplicit.org include a single PDF file with the following information:

- submit a research proposal as part of your application. This should be a brief (1-2 pages) statement of your research interests, so we can get a clearer idea of what you'd like to do in the RTG.
- Identify 1-2 PIs from the group as possible supervisors.

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

Prof. Dr. Alexander Koller

<https://www.neuroexplicit.org> | info@neuroexplicit.org

Tel.: 0681-302- 70038

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.