

As part of the German government's artificial intelligence (AI) strategy, the successful Saxon competence center **ScaDS.AI Dresden/Leipzig** (Center for Scalable Data Analytics and Artificial Intelligence) is being expanded into a leading German AI competence center for Big Data and Artificial Intelligence (AI). TUD Dresden University of Technology embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the **Center for Interdisciplinary Digital Sciences (CIDS)**, the **Department for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden)** offers a position as

Research Associate / PhD Student (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **earliest possible date** and limited for period of two years. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). A shorter contract term is possible by arrangement. The position aims at obtaining further academic qualification.

Professional assignment: Chair of Machine Learning for Spatial Understanding (Prof. Dr. Martin Weigert)

Research areas: Machine Learning, Computer Vision, Image Analysis

Tasks:

- fundamental or applied research in at least one of the following areas: machine learning for biological image data, scalable computer vision methods
- preparation of publications for submission to top-tier machine learning conferences
- contribution to teaching and/or supervision of Bachelor's and Master's theses
- participation in national and international research projects

The position comes with access to [high performance computing resources](#) and access to training opportunities within ScaDS.AI.

Requirements:

- university degree in Computer Science, Physics, Engineering, or a related field
- strong background in relevant research areas
- genuine interest in research and a high level of enthusiasm for scientific work
- strong programming skills and experience in software projects
- excellent written and spoken English skills

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents (e.g., cover letter, CV, and other supporting documents), quoting the **job id „ScaDS.AI Weigert“**, by **July 16, 2025** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies) to: **TU Dresden, ScaDS.AI, Prof. Martin Weigert, Helmholtzstr. 10, 01069 Dresden** or via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as **a single pdf** file to jobs-scads.ai@tu-dresden.de. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.