Technische Universität Dresden - Center for Interdisciplinary Digital Sciences (CIDS) and the Center for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden)

TECHNISCHE UNIVERSITÄT DRESDEN

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). The 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.

Head of Scientific Research Projects / Postdoc (m/f/x)

The Center for Interdisciplinary Digital Sciences (CIDS) and the Center for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden) offers a position as Head of Scientific Research Projects / Postdoc (m/f/x) (subject to personal qualification employees are remunerated according to salary group E 14 TV-L) starting at the earliest possible date. The position is limited to two years with the option of extension. The position aims at obtaining further academic qualification (usually habilitation thesis). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). A shorter contract term is possible by arrangement. Professional assignment: Chair of Scalable Software Architectures for Data Analytics (Prof. Dr. Michael Färber). Research areas: Natural Language Processing, Large Language Models, Knowledge Graphs, and related fields (e.g., Graph Machine Learning).

City: Dresden; Starting date (earliest): At the earliest possible; Duration: limited to two years with the option of extension; Remuneration: subject to personal qualification employees are remunerated according to salary group E 14 TV-L; Reference number: ScaDS.AI Färber E14; Closing date: 05/01/26

Working field

- initiating and leading independent, high-impact scientifically complex research projects in the above areas
- presentation of the scientific research results at top-tier (CORE A) conferences and publishing in renowned journals
- initiating, coordinating, and writing research grant proposals
- fostering and managing collaborations within national and international research consortia, including with industry and interdisciplinary partners
- taking a leading role in supervising and mentoring PhD and Master's students
- engaging in teaching activities, such as specialized and advanced seminars (no foundational lectures)

  The position comes with access to high performance computing resources and access to training opportunities within ScaDS.AI.

Requirements

- university and PhD degree in Computer Science, Artificial Intelligence, Mathematics, Physics, Computational Linguistics or a closely related field
- a strong and proven publication record in top-tier venues (e.g., ACL, EMNLP, NAACL, NeurIPS, ICML, KDD, WWW, AAAI, etc.) in Natural Language Processing, Knowledge Graphs, or Machine Learning
- proven success in securing research grants, with strong interest and experience in obtaining competitive grants
- solid experience in developing AI models (NLP/ML) on HPC systems
- experience in supervising PhD and Master's students and in managing scientific research projects
- excellent communication skills in English, both written and spoken
- preferred qualification: Prior postdoctoral research experience

Application

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 including the usual documents (e.g., Cover letter, CV, other supporting documents) quoting the job identification „ScaDS.AI Färber E14" by January 5, 2026 (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably 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 or to:
TU Dresden, ScaDS.AI, Herrn Prof. Dr.-Ing. Michael Färber, Helmholtzstr. 10, 01069 Dresden, Germany.
Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

TUD is a founding partner in the DRESDEN-concept alliance.
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.

More information at https://stellenticket.de/199891/FUB/
Offer visible until 03/01/26