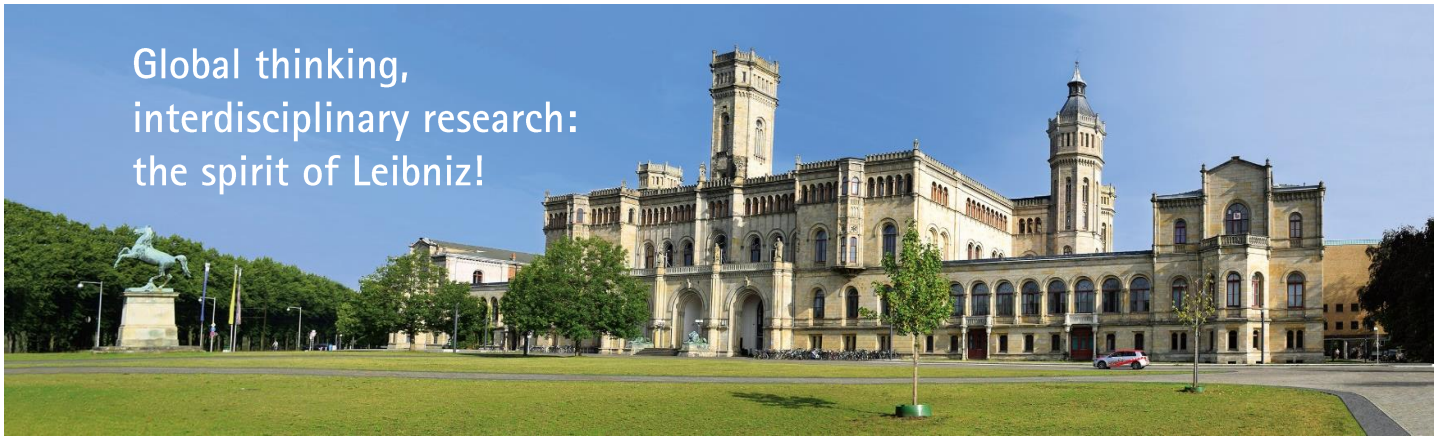
Leibniz Universität Hannover



Nestled in a modern city surrounded by nature and with an exceptional standard of living, Leibniz University Hannover (LUH) offers excellent working conditions in a vibrant scientific community.

The Institute of Artificial Intelligence welcomes applications for the following position in early 2026:

Senior Research Staff / Academic Staff in the field of Automated Machine Learning (salary scale A13 NBesO, 100 %)

The position is initially offered for a period of three years, with the possibility of extension.

Your role

Our research team at the LUH focuses on AI, machine learning, automated machine learning (AutoML), and reinforcement learning (RL). We are seeking a highly motivated postdoctoral researcher to join our team. The position offers the opportunity to conduct research on innovative topics, with your own particular focus on developing novel approaches for automated deep learning and AI in the context of AutoML.

In addition to conducting cutting-edge research, you will actively engage in scientific exchange and active collaboration with related research groups, including presenting research findings at workshops, conferences, and in peer-reviewed journals. Furthermore, you will contribute to open-source projects, thereby promoting the wider dissemination of research results and advancing the field of AI.

We are looking for candidates who are enthusiastic about the dissemination of AI in various forms, e.g., LLMs, agent systems, explainability, embodied AI, or sustainability. Furthermore, the position allows for collaboration with Hannover Medical School on AI in medicine, with the PhoenixD Cluster of Excellence on AI related to engineering, or with the KISSKI AI Service Center. If you are committed and creative and want to make a value-driven impact through research, we encourage you to apply for our position in the field of automated machine learning.

Who are we looking for?

Applicants must have completed a Ph.D. in computer science or a related discipline.

In addition, you ideally have the following qualifications:

- Outstanding dissertation in the field of Artificial Intelligence (AutoML focus is a plus)
- Solid understanding of, and practical experience with, machine learning and deep learning
- Advanced programming skills in Python in the practical use of deep learning models (from pre-training to fine-tuning), e.g., through PyTorch or HuggingFace
- Experience in leading and supervising students and team members
- Experience in teaching AI courses
- Excellent communication skills in English, both verbal and written, including the ability to write scientific texts (German skills are a plus)
- Motivation for independent work and the ability to collaborate in an international team
- A clear research vision for the future of AutoML

Equal opportunities and diversity are core values at Leibniz University Hannover. Our goal is to tap into individual potential and open up possibilities. We therefore welcome applications from anyone interested in the position, irrespective of gender, nationality, ethnic origin, religion or ideology, disability, age, sexual orientation and identity.

We strive towards a balanced and diverse workforce and a reduction in under-representation in accordance with the Lower Saxony Equal Rights Act (*Niedersächsisches Gleichberechtigungsgesetz – NGG*). We therefore also welcome applications from women for the above-mentioned position. Preference will be given to equally-qualified candidates with disabilities.

Why join us?

- Diverse, creative, and innovative work within a multicultural team
- Cutting-edge research environment and resources, including state-of-the-art computing equipment and research databases
- Collaboration with international leading researchers and scientists
- Participation in scientific workshops and conferences, as well as in international research exchanges and collaborations
- Possibility to apply for own grant funding
- Co-Supervision of PhD students
- Qualification with a habilitation
- Salary at the level of 100% of salary scale A13 according to Lower Saxony remuneration scale (NBesO)

With more than 5.000 employees, Leibniz University Hannover is one of the largest and most attractive employers in the Hannover region. We offer a vibrant interdisciplinary and international working environment, and promote personal and professional development ranging from subject-related skills to leadership and languages.

Part-time employment as well as remote work (mobile work, work from home) can be arranged upon request. We support employees with balancing work and family life, through services such as back-up childcare, childcare during school holidays, and parent-child offices, as well as providing individual advice regarding family responsibilities and caring for dependants.

To promote health and well-being among employees, we offer an extensive sports programme with over 100 different sports, as well as a fitness centre with a sauna and climbing space. Health management measures, such as courses on stress management, good nutrition and relaxation, aim to ensure a healthy workplace.

Additional information

For further information, please contact Prof. Marius Lindauer (email: m.lindauer@ai.uni-hannover.de).

Please submit your application, including the usual documents (CV, transcripts, and a brief statement of motivation of maximum one page explaining what drives you to research in the field of AutoML and what goals you aim to achieve with your application at AutoML Hannover), by 15 November 2025 via

Website: https://www.ai.uni-hannover.de/de/institut/open-positions

or alternatively by post to:
Gottfried Wilhelm Leibniz Universität Hannover
Institut für Künstliche Intelligenz
Welfengarten 1, 30167 Hannover

http://www.uni-hannover.de/en/jobs

Information on the collection of personal data according to article 13 GDPR can be found at:
https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/