

JKU/

LIT Artificial Intelligence Lab
LIT Artificial Intelligence Lab/

Graduate School
Graduate School

Vacant positions

2 PostDoc positions and 4 PhD positions in
“Machine Learning” and
“Machine Learning for Life Sciences”
open at the LIT AI Lab and Institute for Machine Learning

We are seeking highly motivated and talented individuals to join our dynamic research team as a PhD/Postdoc researcher in Machine Learning and in Machine Learning for Life Sciences. The successful candidate will work on cutting-edge research projects in the field of machine learning and artificial intelligence, with a focus on developing

innovative algorithms and techniques for solving complex problems in various domains.

Location:

- Linz or Vienna

Job description:

- conduct independent research in the field of deep learning or its applications,
- collaborate in machine learning and deep learning projects
- publish in renowned international journals and conferences
- supervise students; prepare and hold lectures in a thriving AI study program
- engage in the institute's teaching activities within the Artificial Intelligence curriculum.

Requirements:

- **PostDoc “Machine Learning in Life Sciences” (LS-PD):** PhD degree or equivalent in machine learning or closely related field, such as Computer Science or Bioinformatics. Publications and track record in the area of
 - machine learning
 - deep learning
 - one application field: molecular biology, medicine, bioinformatics, chemoinformatics
- **PostDoc position “Machine Learning” (ML-PD):** PhD degree or equivalent in machine learning or closely related field, such as Computer Science with strong focus on machine learning. Publications and track record in the area of at least two of the following
 - machine learning
 - deep learning
 - mathematics
 - signal processing
 - computer vision
 - speech processing
 - natural language processing
- **PhD candidate position “Machine Learning in Life Sciences” (LS-PhD):** MSc degree or equivalent in machine learning or closely related field, such as Computer Science or Bioinformatics. University-level courses and training in the area of
 - machine learning
 - deep learning
 - computer-science
 - one application field: molecular biology, medicine, bioinformatics, chemoinformatics
- **PhD candidate position “Machine Learning” (ML-PD):** MSc degree or equivalent in machine learning or closely related field, such as Computer Science or Bioinformatics. University-level courses and training in the area of
 - machine learning
 - deep learning
 - computer-science
 - mathematics
- **All positions**

- strong background in machine learning, deep learning, and statistical inference
- experience with frameworks such as TensorFlow, PyTorch or Keras
- experience with programming languages such as Python
- excellent problem-solving skills and ability to work independently
- strong written and verbal communication skills
- willingness and ability to work in a team and to support students and junior researchers

What We Offer:

- On the basis of full-time employment (40 hours/week) the minimum salary in accordance with the collective agreement, CA Job Grade: B1 (PostDoc) or PhD candidate (40hours/week)
- Opportunity to work on cutting-edge research projects with leading experts in the field [Prof. Sepp Hochreiter, opens an external URL in a new window](#) and/or [Prof. Günter Klambauer](#)
- Access to state-of-the-art computing infrastructure and resources
- Opportunities for professional development and career advancement
- Stable employer
- Attractive campus environment with good public transportation connections
- Attractive continual educational opportunities
- State-of-the-art research infrastructure
- Dynamic research environment
- Broad range of on-campus dining services/healthy meals (organic food at the cafeteria)
- Exercise and sports classes (USI)
- ...and much more

Application Deadline:

31 July, 2023, only full application documents will be considered

The Johannes Kepler University wishes to increase the proportion of academic female faculty and, for this reason, especially welcomes applications by qualified women. If applicants are equally qualified, a woman will be given preference for this position. The university welcomes applications from qualified applicants with physical disabilities. These applications will be given special consideration.

How to Apply:

If you are interested in a position, please send regular application documents including:

- a) Motivation letter (max. 1 page)
- b) Curriculum vitae (ideally not more than 3 pages) including a Google Scholar link to your profile
- c) Optional: recommendation or reference letters

Please address the position (“LS-PD”, “LS-PhD”, “ML-PD”, “ML-PhD”) and email to: Mrs. Doris Kaiserreiner via Email address recruiting@ai-lab.jku.at