# SPACE FOR YOUR TALENT.

The world is changing at an ever-faster pace. At the Johannes Kepler University Linz, we work on technologies and the ideas of tomorrow on a daily basis. At the same time, we educate over 23,000 young people to meet the demands of today's job market. In short, we are Upper Austria's largest institution for education and research. Are you interested in being a part of shaping the future at Austria's most attractive campus university?

We currently have one immediate job opening for a PhD student in the research field of **Embedded Machine Learning**. Within this umbrella topic, the research field covers a wide area ranging from: **algorithm development tailored for embedded implementations** (e.g. hybrid concepts combining domain knowledge into learning algorithms) over **efficient hardware architectures** for machine learning hardware accelerators to interesting applications of embedded machine learning such as in **joint communication and sensing**. The positioning of the PhD thesis within this research field will be decided based on the profile of the PhD student.

## PhD researcher position in the field of Embedded Machine Learning for a full-time, three-year-position at the Institute of Signal Processing

**Job Reference Number: 4920**

### Job Duties:
- Perform research both independently and in a team; completing a Doctorate/PhD degree in engineering
- Provide support and academic advising to Bachelor/Master theses
- Present your scientific results in publications at international scientific conferences and in scientific journals
- Participate in administrative and organizational tasks of the hosting institutes
- Participate in public relations activities of the institute/faculty

### Your Qualifications:
- The successful candidate must hold a Master-equivalent degree in Machine Learning, Electrical Engineering, Mechatronics, or a closely related field such as Computer Science, Mathematics, or Physics
- Solid background in one or more of the following areas: signal processing, machine learning, digital hardware implementation
- Ability to work both independently and in a team
- Fluency in English (spoken and written)

### What We Offer:
- On the basis of full-time employment (40 hours/week) the minimum salary in accordance with the collective agreement is € 3.058,60 gross per month (14 x per year, CA Job Grade: B1)
- Tuition fee waiver within the non-contributory period
- State-of-the-art research infrastructure
- Dynamic research environment
- Challenging research topics
- Cooperation with Linz Center of Mechatronics
- Attractive campus environment with good public transportation connections
- Attractive continual educational opportunities
- …and much more

**Application Deadline:** May 11, 2022.

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:
Prospective applicants interested in the multifaceted position are requested to electronically send an application in adherence to the stated criteria together with the requested documentation via mail to michael.lunglmayr@jku.at.

### Contact:
If you have questions, please contact: Assoc. Prof. Michael Lunglmayr, P +43 732 2468 5683,
E-mail: michael.lunglmayr@jku.at.