

# 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 21,000 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 of Austria's most attractive campus university? We currently have an immediate job opening:

## **2 x Graduate Teaching Assistant (must hold a Diploma/Master's degree) for a full-time, four-year position at the Chair for Complex Systems**

**Job Reference Number: 4181**

### **Job Duties:**

- The successful candidates are expected to conduct research and teach university-level courses in one or more of the following fields:
  - Design hardware/software systems at different levels of abstractions (e.g. virtual prototyping/SystemC, Verilog, VHDL, etc.)
  - Use modern platforms (e.g. based on RISC-V instruction set architecture)
  - Verify, test and optimize circuits and systems
  - Use formal methods (SAT, SMT, Symbolic Computer Algebra)
  - Develop efficient algorithms and data-structures to address complex problems

### **Your Qualifications:**

- The successful candidates must hold a Diploma/Master's degree in Computer Science, Electrical Engineering or a similar subject
- Expertise in circuit and system design, electronic design automation, or related areas such as algorithms, computational logic, etc.
- Strong programming skills (e.g. in C/C++)
- Strong command of English (level B2+)
- German skills are highly desired but not required
- High motivation and commitment in research and teaching
- Willingness and ability to work effectively as part of a team

### **What We Offer:**

- On the basis of full-time employment (40 hours/week) the minimum salary in accordance with the collective agreement is € 2,929.00 gross per month (14 x per year, CA Job Grade: B1)
- 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:** December 16, 2020.

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 our online portal [jku.at/application](http://jku.at/application) or to the Johannes Kepler University Linz, Department of Human Resource Management, Altenberger Straße 69, A-4040 Linz. Please include "Job Reference Number 4181" in your application.

### **Contact:**

If you have questions, please contact: Univ. Prof. Dr. Ing. Daniel Große, P +43 732 2468 4560,  
E-mail: [daniel.grosse@jku.at](mailto:daniel.grosse@jku.at).