



**JOHANNES KEPLER
UNIVERSITY LINZ**

As the largest institution of research and education in Upper Austria, the Johannes Kepler University Linz has over 20,000 enrolled students and 3,000 employees. The JKU's four faculties offer over 60 academic degree programs. We are looking to strengthen our team at the Faculty of Engineering and Natural Sciences and announce an immediate job opening for a

**Research Associate (Ph.D. Position)
(must hold a Diploma/Master's degree)
for a full-time, one-year position
at the Institute of Computer Graphics
(plus a one-year secondment
at Imperial College London)**

Job Reference Number: 3692

The research is part of a collaboration between **Imperial College London** and **Johannes Kepler University Linz** and will be focused on the the topic **Human Interpretable Machine Learning (ML)**. The goal of the project is to collaboratively investigate new ways to analyse, visualize, and understand ML processes and algorithms during all three phases: model building, model training, and model usage. The work is funded by the State of Upper Austria.

The candidate has the possibility to obtain a Ph.D. degree from Johannes Kepler University. In year one and three of the research project, the candidate will be located at JKU in Linz. In the second year, the student will have the opportunity for a one-year secondment at the Department of Computing at Imperial College London.

Job Duties:

- Conduct independent research in the field of visual data science (visualization & visual analytics) and actively take part in cooperative research projects at the institute
- Publish scientific findings in renowned international journals and present at conferences
- Supervise students in seminars, projects, Bachelor's and Master's theses

Your Qualifications:

- The successful candidate must hold a Master's degree in computer science or related fields such as mathematics, bioinformatics, or business informatics
- Expertise in one or multiple of the following areas: data visualization and visual analytics, data mining, statistics, machine learning, computer graphics, human-computer interaction
- Excellent programming skills in web technologies (HTML5, D3.js, and JavaScript) as well as Scripting Languages (Python and R) are essential
- Willingness and ability to work in a team and to support junior researchers

The minimum salary in accordance with the collective agreement is € 2,794.60 gross per month.

If you have questions, please contact:

Univ.-Prof. Dr. Marc Streit, P +43 732 2468 6635,

E-mail: marc.streit@jku.at

Application deadline: October 31, 2018.

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.

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 marc.streit@jku.at

