

Wanted! Research assistant (Pre-doc)

Institute of Applied Geometry, Linz/Austria

The Institute of Applied Geometry (www.ag.jku.at) of the Johannes Kepler University, Linz/Austria, is looking for a research assistant (Ph.D. student, fixed-term contract for up to 3 years, 30h/week).

The position is part of the international network project "Refinable Freeform Splines with Theoretical Guarantees for their Approximation Power via Polynomial Reproduction", involving INRIA center at Université Cote d'Azur and Applied Geometry at JKU. The successful candidate will be encouraged to pursue a PhD.

The city of Linz, Austria's third largest city with a population of 210,000, is located on the Danube, 80 km from the Austrian Alps.

Job Duties:

- Carrying out research work in one of the areas mentioned
- Publication and presentation of scientific results in journals and at conferences
- Writing a dissertation

You Qualifications:

- Strong background in at least one of the areas of geometric modelling and numerical analysis
- Expertise on Computational Geometry is particularly welcome
- A master-equivalent degree in mathematics, computer science, or a closely related field is required
- Very good language skills in English (level B2), knowledge of German not absolutely necessary

What We Offer:

- The yearly gross salary in accordance with the collective agreement amounts to €39.005,40 (as of 2025) for a Ph.D. student (working time 30 hours/week)
- Attractive campus environment with good public transportation connections
- 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

Exertion place address: Altenberger Straße 69, 4040 Linz

Please send your application with personal and scientific data and a compact statement about scientific interests and achievements to: bert.juettler@jku.at

Review of applications will begin on May 1, 2025 and continue until the position is filled.

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.

