



## JOHANNES KEPLER UNIVERSITÄT 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 Technology and Natural Science and announce an immediate opening for a

### **Project Assistant (PhD 30 hours/week for 3 years/ Post-Doc 40 hours/week for 2 years) Department of Solid State Physics**

#### **Job Duties:**

- Take part in activities as part of a research project funded by the Austrian Science Fund to study static and dynamic magnetic coupling in hetero- and nanostructures using classical magnetometry, magnetic resonance, and synchrotron methods
- Collaborate in sample production, particularly structuring by using electron beam lithography
- Conduct experiments, complete data analysis, prepare written and oral presentations of the physical results
- Cooperation with external partners  
Possibly measuring times at synchrotron radiation sources

#### **Your Qualifications:**

- The successful candidate must hold a university degree in physics (Diploma/Master's degree, or a comparable degree) or a doctorate degree
- Professional experience in the field of experimental solid state physics, in particular electron beam lithography and magnetism
- Knowledge and experience in the field of electron beam lithography, magnetotransport measurements, or synchrotron methods
- The successful candidate should be able to work independently, be highly motivated, willing to be part of a team, cooperate with external partners, and grasp new concepts and topics easily

The minimum salary in accordance with the collective agreement for the PhD position is € 2,071.00 gross per month (with opportunity for promotion) and for the Post-Doc position € 3,626.60 gross per month.

If you have questions, please contact: Univ. -Prof.

Dr. Andreas Ney, P +43 732 2468 9642,

E-mail: [Andreas.Ney@jku.at](mailto:Andreas.Ney@jku.at)

Application deadline: July 20, 2017.

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 [Andreas.Ney@jku.at](mailto:Andreas.Ney@jku.at)



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