



**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

**PhD Position in the Area of Acoustics,  
Speech and Signal Processing at the  
Institute of Signal Processing**

This position also offers potential opportunities to work closely with a leading industrial partner.

**Job Duties:**

- Conduct research in the area of signal processing and sound engineering
- Develop and evaluate algorithms for improved speech recognition in voice assistance devices
  - Noise reduction
  - De-reverberation
  - Beamforming
  - Source localization
- Release your research findings at international conferences and publish articles in international academic and scientific journals

**Your Qualifications:**

- The successful candidate must hold a Master's degree in Audio Engineering, Information Engineering, Electrical Engineering or Electronics Engineering, respectively, or a closely related field of study
- Possess a strong background in signal processing
- Ability to work independently
- An additional background in speech processing is preferred but not required
- Possess a strong command of English and/or German

The minimum salary in accordance with the collective agreement is € 2,731.00 gross per month.

If you have questions, please contact:  
Prof. Huemer, E-mail: [mario.huemer@jku.at](mailto:mario.huemer@jku.at)

Application deadline: January 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 [office.isp@jku.at](mailto:office.isp@jku.at).



 **Audit**  
hochschule und familie

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