

Aalto University, Department of Signal Processing and Acoustics (Finland) invites applications for

### **Postdoc position in Speech Processing**

The Department of Signal Processing and Acoustics is a part of School of Electrical Engineering at Aalto University (Finland). The department consists of four main research areas. The speech communication technology research group (led by Prof. Paavo Alku) works on interdisciplinary topics aiming at describing, explaining and reproducing communication by speech. The main topics of our research are speech production, particularly glottal source analysis, speech parameterization, speaking style conversion, and statistical parametric speech synthesis.

We are currently looking for a **postdoc** to join our research team to work on the team's research themes. We are particularly interested in candidates with research interest in paralinguistic speech processing, especially related to human health, and in candidates with a background in machine learning –based acoustic-to-acoustic conversion (e.g. voice conversion). We also welcome strong candidates from other areas but previous experience in speech technology research is a must.

**Postdoc:** 2 years. **Starting date:** January-May 2019

In Helsinki you will join the innovative international computational data analysis and ICT community. Among European cities, Helsinki is special in being clean, safe, Scandinavian, and close to nature, in short, having a high standard of living. English is spoken everywhere. See, e.g., <http://www.visitfinland.com/>

#### *Requirements*

The position requires doctoral degree in speech technology, computer science, signal processing or other relevant area, skills for doing excellent research in a group, and outstanding research experience in any of the research themes mentioned above. The candidate should have a strong background in machine learning and/or signal processing and previous experience in speech research. The candidate is expected to perform high-quality research and assist in supervising PhD students.

#### *How to apply*

If you are interested in this opportunity, apply by submitting the following documents in English and in electrical form (use the pdf format only!) by December 31, 2018. Send your application, CV, a transcript of academic records and references directly by email to Professor Paavo Alku. Please insert the subject line "Aalto postdoc recruitment, 2018".

#### *Additional information*

Paavo Alku, [paavo.alku@aalto.fi](mailto:paavo.alku@aalto.fi)