



Doctoral (PhD) Position

**Department of Psychology, University of Zürich, Switzerland.
Cognitive and Affective Neuroscience Lab (Prof. Sascha Frühholz)**

Project topic: “Voice, emotions, and real-time fMRI”

We invite applications for a Doctoral (PhD) position in the Cognitive and Affective Neuroscience Lab (<http://www.psychology.uzh.ch/en/chairs/kaneuro.html>) at the Psychological Institute of the University of Zürich (Switzerland) in the field of human neuroimaging. We are seeking a highly motivated and talented research candidate to work on a project using real-time fMRI to investigate how neurofeedback can modulate and change the perception of human vocalizations and of affective voices.

Earliest possible starting date for the position is February 1st 2019 or later. The position is initially available for 3 years, with a possible extension of 1 more year.

Responsibilities

- Plan and run real-time fMRI experiments, analysis of experimental brain data.
- Use of psychoacoustic and neuroscientific methods to investigate brain dynamics during voice perception.
- Communication of scientific results in scientific publications and at scientific meetings.
- Supervision of Bachelor- and Master students.

Requirements and qualifications

- Relevant degree with excellent scores in one of the following disciplines: Psychology, Neuroscience, Biology, or related fields.
- Familiarity with neuroscientific methods, especially with functional magnetic resonance imaging (fMRI), and potentially also with real-time fMRI
- You should have some experiences with empirical psychological or neuroscientific studies.
- If possible, you should have a background in auditory neuroscience and/or in social and affective neuroscience.
- Statistical and programming skills (i.e. Matlab, Python, etc.) are advantageous.
- Good knowledge of written and oral English is desirable.
- Flexibility, ability to learn fast, and the ability to work independently as well as in a scientific team are very welcome.

We offer. The University of Zürich provides an excellent research environment at the Department of Psychology (www.psychology.uzh.ch/index.html) as well as a multidisciplinary and interactive neuroimaging environment with research dedicated brain imaging facilities within the framework of the Neuroscience Center Zürich (www.neuroscience.ethz.ch). We offer an excellent supervision of PhD students. The research project also offers the possibility for short research stays abroad.

Candidates should send a CV, copies of relevant certificates, names and full contact details of two referees, and a brief statement describing motivations, personal qualifications, and research interests by e-mail to Sascha Frühholz (sascha.fruehholz@uzh.ch). Informal inquiries and questions should also be addressed to sascha.fruehholz@uzh.ch. Applications will be considered until the position is filled.