



Postdoctoral Research Fellow

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

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

We invite applications for a position as postdoctoral fellow (PostDoc) 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 emotions expressed in music.

Earliest possible starting date for the position is February 1st 2019 or later. The position is initially available for 2 years, with a possible extension of 1 more year. Employment volume will be 80-100%, and will be negotiated based on qualifications.

Responsibilities

- Plan and run real-time fMRI experiments, analysis of experimental brain data.
- Use of psychoacoustic and neuroscientific methods to investigate brain responses to music.
- Communication of scientific results in scientific publications and at scientific meetings.
- Supervision of PhD students as well as of Bachelor- and Master students.

Requirements and qualifications

- PhD with excellent scores in one of the following disciplines: Psychology, Neuroscience, Biology, Neuroinformatic, Musicology, or related fields.
- Good knowledge and skills in neuroscientific methods, especially with functional magnetic resonance imaging (fMRI) and potentially also with real-time fMRI.
- Broad experiences with empirical psychological or neuroscientific studies; previous experiences with music studies is advantageous.
- If possible, you should have a background in auditory neuroscience with a focus on neuroscientific studies of music.
- Statistical and programming skills (i.e. Matlab, Python, etc.) are a requirement.
- 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).

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.