



Centre for Systematic Musicology

Univ.-Prof. Dr. Richard Parncutt
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Student Assistantship

Psychological evaluation of a sonification platform
6.5 hours/week for 6 months from March 2014

You will be part of a project to sonify complex climate data. Sonification is the auditory representation of data sets – analogous to a graph, which is a visual representation of data. The sonification tool is being designed and developed at Institute of Electronic Music and Acoustics (IEM), University of Music and Performing Arts in Graz (KUG). The aim is to help climate scientists at Wegener Center for Climate and Global Change (Uni Graz) to analyse their data.

Your qualifications

- Background in music, musicology or music theory
- Experience in empirical studies in psychology or sociology
- Experience in data analysis using standard quantitative and qualitative methods
- Relevant computing skills
- Very good German and English
- Good grades in relevant subjects

Prerequisites and personal qualities

- Enrolled in a relevant Master's program in Graz in summer semester 2014
- Practical, reliable, independent, collegial, enthusiastic

Your duties

- Participate in the design and execution of empirical studies to evaluate a new sonification tool for climate data, including aesthetic evaluation of sounds
- Work at the Centre for Systematic Musicology (Uni Graz), the Institute of Electronic Music and Acoustics (IEM, KUG), and the Wegener Center for Climate and Global Change (Uni Graz)

How to apply

- Write to parncutt@uni-graz explaining your background and motivation by **23.2.2014**. Attach a short CV and a transcript of your relevant grades.

Further information

- Richard Parncutt, parncutt@uni-graz
- Visda Goudarzi, Department of Electronic Music and Acoustics, University of Music and Performing Arts in Graz, goudarzi@iem.at