The Acoustics Research Institute (ARI) of the Austrian Academy of Sciences (ÖeAW), Austria’s leading non-university research facility, undertakes top-level research in auditory cognitive neuroscience, psychoacoustics and experimental audiology, phonetics, bioacoustics, physical and computational acoustics, mathematics and signal processing as well as machine learning in acoustics. The close interaction of the working groups allows innovative research approaches through the synergistic effects of multidisciplinary research. The ARI employs ~50 academic, technical and administrative staff. The institute is offering a

**PHD STUDENT POSITION (f/m/x)**

*in Musicality and Bioacoustics*

(part-time, 30h per week)

The candidate will work within the biology research cluster led by Dr. Marisa Hoeschele. Music is found even in the most isolated human cultures and plays a role in every human’s life. Though there are differences in how music takes shape across cultures, all musical systems are founded in the same core human abilities. These core abilities, known as musicality, are part of human biology and are the focus of this group.

This position involves comparative cross-species research with humans to budgerigars. The budgerigar (*Melopsittacus undulatus*) is a small parrot species, that has many parallels to humans in terms of musicality, such as the ability to learn new vocalizations and being able to track and move to a beat.

The duties of the candidate will be conducting preference experiments with budgerigars to determine whether they prefer inharmonic or harmonic sounds and writing a paper tying this to human consonance preference.

We are looking for a highly motivated candidate with master’s degree in a related field including animal behavior, behavioural biology, cognitive science, psychology, or musicology.

For this part-time position the annual gross salary is € 34,606.85, according to the academy’s collective agreement. This position is a temporary replacement, employment period will run until August 31st, 2024, no dissertation completion is required/expected.

Please send your applications including a CV, master certificate (taken courses and grades), and short (1 page) motivation letter via email to marisa.hoeschele@oeaw.ac.at, (mentioning Job ID: ISF079DOC123) no later than August 15th, 2023.

The Austrian Academy of Sciences (ÖeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.