

The **Acoustic Research Institute (ARI)** of the Austrian Academy of Sciences ([OeAW](#)), 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 these working groups allows innovative research approaches through the synergistic effects of multidisciplinary research. The institute is offering a

## POSTDOC POSITION (F/M/X)

(full-time, 40h per week)

The position is assigned to the Young Independent Researcher Group (YIRG) "*Dynamates – Dynamic Auditory Predictions in Human and Non-human Primates*" in Vienna. The YIRG Dynamates will be coordinated by Robert Baumgartner and investigated together with Ulrich Pomper and Michelle Spierings from the University of Vienna. It rests on a strong collaboration between cognitive neuroscience, cognitive biology, and computational modelling – for more information, see the [Dynamates website](#). The successful candidate will mainly be supervised by Robert Baumgartner.

### Your tasks:

- Perform model-based analysis of neurobehavioural data
- Communication of results in scientific publications and at scientific meetings
- Aim for highest standards of Open Science
- Proactively integrate in a highly interdisciplinary project group and research institute
- No teaching duties but options

### Your profile:

- PhD with excellent scores in one of the following disciplines: computational/systems neuroscience, hearing science, computer science, engineering, physics, or related fields
- Excellent statistical and programming skills (e.g., Matlab, Python, R, etc.) are essential
- Previous experience with Bayesian modelling and analysing M/EEG or eyetracking data is much desired
- Previous experience with Open Science practices is a big plus
- General interdisciplinary interest is important and previous experience in working in such an environment is desired
- Profound knowledge of written and oral English is required
- Flexibility, ability to work independently as well as in a scientific team are important

We offer a full-time position, initially limited to one year. The position is available immediately and a timely start is desired. The annual gross salary is € 60.926,60 according to the new collective agreement of the Austrian Academy of Sciences.

Interested candidates should send a CV, copies of relevant certificates (MSc, diploma), names and full contact details of two referees, and a brief statement describing motivations, personal qualifications, and research interests by e-mail to Robert Baumgartner ([robert.baumgartner@oeaw.ac.at](mailto:robert.baumgartner@oeaw.ac.at)). Applications will be accepted until an adequate candidate has been found. The first round of evaluation will start on **November 22<sup>nd</sup>, 2023**. Informal inquiries and questions can also be addressed to Robert Baumgartner.

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