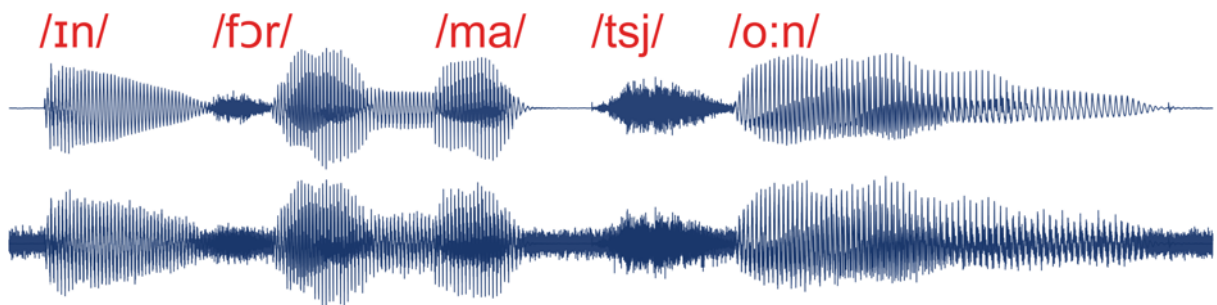# Master Thesis/Diploma project – Speech in noise

We offer a project suitable for a Master Thesis or Diploma Project under the supervision **of Dr. Alejandro Tabas** and **Prof. Dr. med. Katharina von Kriegstein** at the Chair of Cognitive and Clinical Neuroscience, Faculty of Psychology, Technische Universität Dresden.

Hearing speech in background noise (e.g., on a party) is a difficult task. Individuals with **developmental dyslexia** are specially sensitive to different kinds of background noise when recognising speech, which can be socially very restricting. This master thesis proposal is part of a larger project aiming to understand the neural substrate of this sensitivity to noise. During the master thesis development, the student will first perform a literature review to investigate which types of noises are detrimental to speech recognition performance in developmental dyslexia. Students will then optionally perform an analytical meta-analysis, a perceptual experiment, or a modelling study, depending on her/his background and research interests.

The project is suitable for psychology students, but students with other backgrounds are also encouraged to apply.

To apply please include a brief statement of motivation, a CV, and a transcript of records, preferably in one PDF file, emailed to: **julia.herdin@tu-dresden.de** with the email subject title **"Speech in noise project"**.

For informal enquiries on the project you may contact: alejandro.tabas@tu-dresden.de

Applications for the project will be reviewed on a rolling basis until the position is filled.