



The *Human Verbal Communication Laboratory* (PI: Dr. Yulia Oganian) at the Werner Reichardt Centre for Integrative Neuroscience (CIN) in Tübingen offers

MASTER THESIS Projects

Our group studies the neuroscience of auditory cognition, speech perception, and verbal communication. We are interested in the roles of sensory and language networks in these cognitive functions. We offer students of Neuroscience, Cognitive Science, Psychology, Linguistics or related disciplines the opportunity for a master's thesis on one of the following topics with a flexible start date:

The Moment after “er”: The Role of Hesitations for Subsequent Speech Processing

(Dr. Lena Henke, lena.henke@uni-tuebingen.de)

In this project, we are interested in the role of hesitations for subsequent language processing. You will re-analyses an existing EEG dataset both in the time- and frequency-domain to address whether hesitations in speech play an active role to prepare the listener's brain for upcoming information.

Confidently Neutral By Choice: Cognitive States of Neutrality in Auditory Perceptual Decisions

(Luzie Kallfaß, luzie.kallfass@hadw-bw.de)

In a previous study we could show that neutral responses can reflect distinct and active perceptual decision states rather than inattention or low confidence. We now use EEG to investigate the neural processes underlying these neutral states. You will participate in data collection, and analyse behavioral and EEG data.

Requirements

- Interest in empirical research
- Prior experience with programming or (electrophysiological) data analysis is desirable
- Ability to work independently and responsibly
- Enrollment in an M.A. program in Tübingen or at a German university and ability to work in person in Tübingen

If you are interested, please send your complete application materials (cover letter, short CV, transcript) in a **single PDF** to the responsible researcher.

To find out more about the research group, visit <https://hvclab.github.io/>.