



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

**fully funded Postdoctoral position (100 % TVL-13)**

with a flexible starting date in February 2024 or later.

*The position* is part of a project on the neural basis of speech comprehension in high-functioning autistic adults, funded by a research grant from the SFARI initiative. The individual working on this project will be responsible for experimental design, data collection, analysis, and dissemination of research outcomes, with opportunities to develop an individual research profile. As part of this project, the candidate will closely interact with the [Affective Neuropsychiatry laboratory](#), directed by Prof. Dr. Dirk Wildgruber.

*Our group studies* auditory cognition, speech perception, and verbal communication. We are interested in the role of general sensory, and language networks to these cognitive functions. We use intracranial electrophysiology in clinical settings (iEEG/ECOG), scalp electrophysiology (EEG and MEG), and psychophysics, as well as advanced computational methods to map those signals onto cognitive processes. Lab members can train in all these methods, including research design, data acquisition and analysis. Successful candidates will have the opportunity to participate in existing local and international collaborations and to develop new ones. To find out more, visit <https://hvclab.github.io/>.

Suitable candidates will have completed the requirements for a PhD in cognitive science, psychology, neuroscience, psycholinguistics, neural engineering, or a related discipline by the time the position starts. We invite applications from individuals with prior experience in at least one of the following: scientific coding (MATLAB or python), analysis of electrophysiology time series data, computational linguistics. Prior experience with neurodevelopmental disorders is not required, but interest and motivation to contribute to their understanding are expected. The position is funded for 2 years with the possibility of extension.

We seek highly motivated candidates that are passionate about science and human cognition, aim to develop their theoretical thinking as well as their data analytic abilities, and strive to conduct rigorous research. We strive to maintain a diverse and inclusive research team and are supportive of members' personal and professional development. Successful candidates will join the vibrant neuroscientific research community of Tuebingen. The CIN is an interdisciplinary research institution at the Eberhard-Karls-University Tübingen funded by the German Excellence Initiative program. The CIN strives to deepen our understanding of brain function and its impairment by disease. It seeks to make use of newly acquired insights to help people with brain disorders and to launch new mind- and brain-inspired applications in many areas of engineering and computer science.

For informal inquiries about the position, please do not hesitate to contact Dr. Yulia Oganian at [yulia.oganian@uni-tuebingen.de](mailto:yulia.oganian@uni-tuebingen.de). To apply, please fill out this [questionnaire](#). Review of applications will commence on **Nov 3, 2023**. Applications will be considered until the position is filled.

We offer remuneration in accordance with TV-UK (Collective Agreement of the University Clinics of Baden-Württemberg) in addition to all the customary benefits granted to employees working in Public Services. Severely handicapped persons with equal qualifications are given preferential consideration. The University of Tübingen is anxious to increase its quota of female scientific staff, and therefore encourages women to apply for this position. The Administration of the University Hospital is responsible for all employment matters. Personnel appointments will be made pursuant to the fundamental stipulations of the legal statutes for universities in Germany. Before taking up employment, proof of sufficient vaccination against measles or immunity against measles in accordance with § 23a in conjunction with § 20 Para. 9 of the Infection Protection Act must be provided (scope of application birth cohorts as of 01.01.1971). Interview expenses are not covered.