

PhD in Neurophysiology of Language, Aarhus University, Denmark

Applications are invited for a PhD position to join the new research group investigating neurobiological foundations of speech, language and their deficits at the Center of Functionally Integrative Neuroscience (CFIN), Aarhus University (AU).

The successful applicant will work on a 3-year research project, exploring the brain indices of linguistic function in healthy individuals and/or patient populations using EEG and MEG, and carrying out scientific research towards a PhD degree in collaboration with Prof. Yury Shtyrov as their academic supervisor and with other team members.

The PhD project will be centred on using MEG/EEG and on the spatio-temporal dynamics of the neural activity underlying speech and language processing in the human brain. Eligible candidates should hold a Master or similar degree in a relevant discipline, including (but not limited to) psychology, neuroinformatics, neurology, neuroimaging/neuroscience or language sciences. The position is to be filled as soon as possible and is open for up to 3 years.

Note that the selected candidate will have to apply for and get approved for enrolment at the AU Graduate School of Health (<http://talent.au.dk/phd/health/>), in a separate procedure before starting as a PhD student.

CFIN (<http://cfin.au.dk>) is an international multidisciplinary research centre based at AU's Institute for Clinical Medicine. Our research groups are supported by state-of-the-art cognitive neuroscience facilities including research-only TRIUX MEG system, fMRI systems, PET, navigated TMS, EEG, etc., and have well-established clinical and other collaborations. AU provides an inspiring international research environment with top neuroscience facilities, and is consistently listed among the world's best 100 universities. Aarhus is a dynamic university city located on the Baltic coast in continental Denmark and surrounded by nature; it offers very high living standards, rich cultural and intellectual life, outdoor activities, excellent restaurant/nightlife scene etc.

Additional information regarding this position can be obtained by contacting Professor Yury Shtyrov, Head of MEG, CFIN: Yury.Shtyrov@cfin.au.dk, tel +45 78469940, <http://cfin.au.dk>. Applications, which should contain the applicant's CV, motivation letter, short (max 2 pages) research proposal and 2 academic references (or at least names and addresses of 2 referees), should reach Professor Shtyrov by April 10, 2015. Note that only short-listed candidates will be contacted.