



The Dept. of Neurophysiology and Pathophysiology at the University Medical Center Hamburg-Eppendorf, headed by Prof. Dr. Andreas K. Engel, invites applications for

3 Postdoc positions and 3 PhD student positions

with immediate start. Appointments will be made for up to 5 years (postdocs) and 3 years (PhD students). Salary scale is according to E13 TV-KAH, 100% (postdocs) and 65% (PhD students), respectively.

These positions are funded through the ERC Advanced Investigators Grant MULTISENSE “The merging of the senses: understanding multisensory experience”. This 5-year project is carried out in close collaboration with the group of Prof. Peter König, University of Osnabrueck. The major goal of the project is the investigation of dynamic, large-scale neural interactions and the characterization of functional networks during multisensory processing in the human brain, using techniques such as MEG, EEG, TMS, tACS and eye tracking.

Main research interests in the Department are dynamics of distributed sensory processing, intermodal and sensorimotor integration, as well as theories of perception, action and consciousness. Current projects involve EEG/MEG studies in humans or physiological studies in animals. Further information on research at the Dept. of Neurophysiology and Pathophysiology is available at <http://www.uke.de/neurophysiologie> and at <http://www.40hz.net>.

Applicants should have a background in psychology, medicine, biology or neuro-/cognitive sciences, and ideally have experience in human EEG/ MEG studies, neuroimaging or biosignal analysis. Programming skills (Matlab) are considered mandatory. Fluent English is a prerequisite. Successful candidates will be responsible for the management and implementation of research paradigms, recruitment and neuropsychological testing of volunteers, data acquisition and analysis. For further details, please contact Prof. Dr. Andreas K. Engel (phone: +49-40-7410-56170, email: ak.engel@uke.de).

Applicants are asked to submit their CV and documentation of relevant qualification to Prof. Dr. Andreas K. Engel, Dept. of Neurophysiology and Pathophysiology, University Medical Center Hamburg-Eppendorf, Martinistr. 52, 20246 Hamburg, Germany. Submission of applications through email is encouraged.