

The DZNE is a newly created center of excellence with the Helmholtz Association that will perform translational research on Neurodegenerative Diseases. The center includes a major site in Bonn and additional sites in Dresden, Goettingen, Magdeburg, Muenchen, Rostock/Greifswald and Witten/Herdecke.

A **postdoctoral position** on multimodal imaging in aging and neurodegenerative disorders is available in the Department of Psychiatry, University Rostock and the German Center for Neurodegenerative Disorders in the Helmholtz Society.

The research involves the combined use of structural and functional MRI and diffusion tensor imaging to determine changes in cortical functional and structural connectivity with aging and neurodegenerative disorders such as Alzheimer's disease. The department is connected to local engineering and technical mathematics departments as well as the neurocomputation group at the Department of Computer Science and Electrical Engineering,, member of the national network on dementias, partner center of the German Center for Neurodegenerative Disorders in the Helmholtz society and leading center of the European DTI Multicenter study group. Sustained research opportunities are available for the use of multiple imaging modalities including MRI, fMRI, DTI, PET, EEG and TMS.

QUALIFICATIONS: Successful candidates will have a background in neuroimaging methods, including MRI, fMRI and/or DTI, and should have programming experience (C++, Presentation control language, and/or Matlab). Experience with neuropsychology focussing on attention and memory is desirable.

Employment, payment and social benefits are determined by the Public Sector Collective Agreement (Tarifvertrag für den öffentlichen Dienst – TVöD). Place of employment is Rostock/Greifswald. Position duration: 2-4 yrs.

DZNE are committed to equal opportunities and to employing disabled persons.

Interested candidates should email a CV, representative publications, and the names of two references to: Professor Stefan Teipel, Dept. of Psychiatry, University Rostock and German Center for Neurodegenerative disorders, Partner Center Rostock, Gehlsheimer Str. 20, 18147 Rostock, Germany Email: stefan.teipel@med.uni-rostock.de, phone: 0049-381-494-9610.

Deadline for the application is 4 weeks after the publication of this advertisement.