

The Medical Faculty of Johann Wolfgang Goethe-University Frankfurt am Main invites applications for the following position as civil servant or public employee starting at the earliest possible date:

Professorship (W2) for Magnetoencephalography

You will be expected to represent Magnetoencephalography (MEG) in research and teaching. You will be the head of the Brain Imaging Center (BIC) MEG Unit equipped with 275-channel CTF system. The BIC pursues research on the structure and function of the human brain using cutting-edge systems neuroscience techniques and is currently being developed in collaboration with the Max Planck Institute of Empirical Aesthetics and the Ernst Strüngmann Institute for Neuroscience into a highly interdisciplinary Collaborative Brain Imaging Center (CoBIC).

The professorship seeks to strengthen the MEG-related scientific focus of the CoBIC.

We are looking for a candidate with a university degree, an excellent doctorate, and evidence of scientific achievements in neuroscience commensurate with a Habilitation. You will be expected to have a strong scientific record with first-rate international publications in the field of MEG and, ideally, related electrophysiological approaches (e.g., EEG, ECoG). You should have technical/methodological expertise with MEG profound knowledge in electrical engineering, physics (or related disciplines), or computational neuroscience is an advantage. You will be required to cooperate with and support the research of the CoBIC users as well as further neuroscientific research groups located at the university or other research centers. A conceptual and content-related collaboration on currently planned joint projects on neuropsychiatric network diseases is the task of the professorship. Running the MEG infrastructure, participation in general duties, as well as in university academic self-administration, is expected.

Expertise in digital signal processing and mathematical modelling is required, as is the ability to supervise technically demanding, quantitatively sophisticated projects and to help develop new analytical methods. The desire to cooperate closely with systems neuroscientists and clinicians is a prerequisite.

The formal hiring requirements are defined in sections 67, 68 and 70 of the Hessian Higher Education Act (Hessisches Hochschulgesetz).

Goethe University is an equal opportunity employer, committed to diversity and inclusion. In particular, we are welcoming applications by qualified women and people with a migrant background. At Goethe University, a special emphasis is placed on creating and sustaining a family-friendly work and research environment. Where applicants are otherwise equally qualified, preference is given to candidates with disabilities or equivalent. The same applies to women in fields in which they are under-represented.

To apply, please send a CV, a list of publications, an overview of your research and teaching activities as well as transcripts and course evaluations as a single PDF document according to faculty guidelines (www.uni-frankfurt.de/60005087/berufungen) by **23 December 2022** to the Dean of the Medical Faculty of the Johann Wolfgang Goethe-University: Bewerbungen-Professur2@kgu.de. If you have any questions, please contact Univ.-Prof. Jochen Kaiser: j.kaiser@med.uni-frankfurt.de. Further information about the appointment process, the legal framework and data protection: www.professorship-vacancies.uni-frankfurt.de. Application documents will not be returned after the procedure has been completed.