



The Institute of Medical Engineering (IMT, Director: Univ.-Prof. Dr. Thorsten M. Buzug) at the Foundation University of Lübeck has an opening for a

Junior Professorship (W1) in "Nuclear Imaging"

to be filled as soon as possible. The successful candidate will be appointed temporary civil servant (level W1) for three years. Following a positive evaluation, the position will be extended up to six years in total based on the legal preconditions.

Other general tasks and prerequisites for the appointment can be found in § 64 of the University Law (HSG) of the state Schleswig-Holstein. Details are explained on request.

The main research competences of the Institute of Medical Engineering (www.imt.uni-luebeck.de) focus on medical and technical imaging using tomographic techniques. This includes the development of reconstruction algorithms, signal pre- and postprocessing methods, and front-end electronics.

The successful candidate is a highly qualified individual with recognized expertise in nuclear imaging or related fields. The holder of the Junior Professorship is expected to support the research and teaching activities of IMT in the area of nuclear imaging, and to build up his/her own research group. Raising of third-party funds is thus also expected.

The professorship will be mainly devoted to emission tomography (PET, SPECT, multimodality), with emphasis on small animal imaging. Foci of the professorship may lie in instrumentation, prototype development, modelling, image reconstruction or image analysis. The appointee will be also involved in the activities of the future Small-Animal Imaging Laboratory.

Applicants must hold a PhD degree in physics, electrical engineering, biomedical engineering or an equivalent discipline. Good written and verbal communication skills and a track record of publications in leading journals are essential.

The candidates should have recognized scientific experience in at least two of the following areas: PET, SPECT or gamma imaging; preclinical imaging; radiation detectors; prototype development; medical instrumentation application; Monte-Carlo simulations, and image reconstruction.

Candidates will be expected to teach in the engineering programs at the University of Lübeck. Teaching can be in English, but non-German speakers are expected to learn German within the first three years.

Collaboration with the research focus "Biomedical Engineering" of the University of Lübeck, as well as the willingness to engage in interdisciplinary cooperation with life scientists and clinicians is desired.

The Foundation University of Lübeck is an equal opportunity, affirmative action employer and seeks to establish a balance between female and male employees. Therefore, priority is given to equally qualified women. Handicapped persons will be given preference to other equally qualified applicants.

We expressly welcome application from people with a migrant background. We explicitly do not require photographs and request applicants to refrain from submitting them. Necessary forms and further information concerning the application are available at: <https://www.uni-luebeck.de/universitaet/akademische-struktur/sektionen/sektionen-mint/berufungsverfahren-stellen.html>

Applicants should submit a curriculum vitae, list of publications (including copies of the 3 most relevant publications), a letter of interest (including description of scientific career and research proposal), and if applies, documentation of successful third-party funding and teaching no later than 28.07.2016 to the Büro der MINT-Sektionen der Stiftungsuniversität zu Lübeck, Ratzeburger Allee 160, Geb. 64, 23562 Lübeck