



UNIVERSITÄT ZU LÜBECK  
STIFTUNGSUNIVERSITÄT  
SEIT 2015

The Institute of Medical Engineering at the University of Lübeck (IMT, director: Prof. Dr. T. M. Buzug) has an opening for a

**PhD Position** (salary scale 13 TV-L/67%)

for three years focused on **medical image reconstruction** and to be filled as soon as possible at 67% of a full-time position.

The main research competences of the IMT (<http://www.imt.uni-luebeck.de/institute.html>) is on medical and technical imaging using tomographic techniques, including the development of image reconstruction algorithms, signal pre- and post-processing methods, and front-end electronics.

The successful candidate will join the team of Prof. Dr. M. Rafecas and participate in a research project devoted to image reconstruction for Compton cameras within the frame of dose monitoring in particle therapy.

We are looking for motivated and highly qualified candidates with serious interest in medical imaging. Applicants should hold a degree in physics, engineering, computer sciences, mathematics or equivalent disciplines. Good written and verbal communication skills in English are required. Previous experience in tomographic reconstruction, imaging with ionizing radiation, or particle therapy is desirable.

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.

For further information, please contact: Prof. Dr. Magdalena Rafecas, [rafecas@imt.uni-luebeck.de](mailto:rafecas@imt.uni-luebeck.de)

Applicants should submit a curriculum vitae, a letter of interest including a brief description of previous scientific work, as well as the name and contact details of two reference persons no later than **16<sup>th</sup> October 2017** under **application code no. 1048/17** to the

**Universität zu Lübeck – Der Präsident – Dezernat Personal – Ratzeburger Allee 160 – 23562 Lübeck**