



Open research project for a doctoral candidate (m/f)

Topic: Machine learning for magnetic resonance imaging

The Institute for Signal Processing of the University of Lübeck is seeking a Ph.D. candidate (m/f) in machine learning for magnetic resonance imaging. In particular, the project focuses on developing robust motion models for compensating patient motion during MRI data acquisition. Candidates should hold a university degree (Masters of Science or equivalent) in Computer Science, Medical/Electrical Engineering or Physics and should have a strong background in signal processing as well as mathematics and machine learning.

The position will be funded by the Graduate School of Computing in Medicine and Life Sciences for **a period of 3 years with a scholarship of 1600€ per month (tax free) and health insurance allowance according to actual costs of up to 200€/month.**

Supervisor:

Prof. Dr.-Ing. Alfred Mertins  
Institute for Signal Processing  
University of Lübeck

Applications including (1) a detailed CV, (2) a statement of motivation, (3) degree certificates and grade transcripts, and (4) two reference letters should be sent via e-mail to [mertins@isip.uni-luebeck.de](mailto:mertins@isip.uni-luebeck.de).

Further Information:

Website of the Institute: <http://www.isip.uni-luebeck.de>

Website of the Graduate School: <http://www.gradschool.uni-luebeck.de>

Lübeck, May 22, 2018