



Rigshospitalet



Dept. of Clinical Physiology, Nuclear Medicine & PET
Rigshospitalet, Copenhagen University Hospital
Blegdamsvej 9
DK-2100 Copenhagen
Denmark

Copenhagen, January 21, 2013

Postdoc or PhD student position in clinical PET/MR image processing

At the Department of Clinical Physiology, Nuclear Medicine & PET, Rigshospitalet, Copenhagen, we are seeking a postdoc or PhD student for a challenging project in the field of PET image reconstruction related to PET/MR. The aim of the project is to develop and implement a new method for accurate attenuation correction and reconstruction of PET images from combined PET/MR examinations.

What we can offer: • A 3-year position in an interdisciplinary and dynamic environment. • A core-team of physicists and computer scientists at the PET Center. • External supervision from industry experts on method implementation. • International collaboration and possibilities for exchange visits. • A competitive salary depending on qualifications.

Who we are:

The PET section of the department currently deploys 2 cyclotrons, 5 PET/CT systems, 1 HRRT brain PET system and one of the first fully-integrated PET/MR systems worldwide. Over 6000 PET patient examinations were performed in 2012, a large part of these examinations being related to various research projects. We collaborate locally and internationally with numerous imaging centres. The department published 120 peer-review publications in 2012.

Who are we looking for?

You hold an MSc or PhD in physics, computer science, engineering or similar, with expertise in image reconstruction and/or optimization methods and have shown excellent research abilities. Experience with medical imaging, PET reconstruction and/or programming will be considered an advantage. You have good interpersonal skills and thrive in an informal and dynamic atmosphere. You can start in April 2013 or soon thereafter.

Please send applications to Adam Espe Hansen (Adam.Espe.Hansen@regionh.dk), who can also be contacted for further information. The application must include CV with two references and should be received by Februar 22, 2013.