Postdoctoral positions in cardiovascular magnetic resonance imaging

Skilled and committed employees are a crucial factor in the success of Linköping University. And we need more of them. Our core expertise comes from teachers and researchers, but a successful university requires experienced and motivated employees in many fields. Everyone is important. We need to recruit many new employees thanks to, among all, an expansion in our research activity. We need you here. We look forward to receiving your application! The Department of Health, Medicine and Caring Sciences (HMV) conducts teaching and research across a wide range of medical disciplines and is noted for its interdisciplinary profile. The aim of the department’s operations is to provide relevant training against the backdrop of a rapidly evolving healthcare sector and a society in constant flux. HMV is located both in Linköping and Norrköping. Read more at: www.liu.se/en/organisation/liu/hmv

LINKÖPING UNIVERSITY
Hereby advertises two postdoctoral positions in cardiovascular magnetic resonance imaging formally based at the Department of Health, Medicine and Caring Sciences, Unit of Cardiovascular Sciences

The positions will be based at the Centre for Medical Imaging and Visualization (CMIV). CMIV is an interdisciplinary research center within Linköping University, focusing on cutting edge medical imaging research. The interdisciplinary cardiovascular magnetic resonance (CMR) group within CMIV performs technical research and application of advanced CMR techniques. The group has access to three clinical scanners, two Philips (1.5 & 3T) and one Siemens (3T).

Duties
The position will focus on quantitative CMR, primarily tissue characterization with or without contrast agents, including quantification of fat, fibrosis or edema.

The work could involve developing methods for CMR image acquisition, reconstruction, and analysis, as well as data analysis. An essential part of the work is to publish the conducted research in scientific journals.

The position will primarily focus on research activities but could include teaching, at most 20% of the time.

Qualifications
The candidates should have good programming skills and experience in CMR image analysis. Experience in CMR technical research and applications for tissue characterization is beneficial, as is any pulse programming or pulse sequence development.

A significant track-record of papers published in highly regarded journals is a prerequisite, as are communication skills, and ability to work in team and independently. The candidate should have a good command of English both orally and in writing.

The position requires a doctorate/PhD or an equivalent degree. The doctorate/PhD shall have been obtained within three years from the employment starting date.

Appointment time
A Postdoc is appointed until further notice, but for two years and possibility of extension for one years. The appointment can be further renewed if there are special reasons.

Starting date
By agreement.

Salary
The University applies individual salary scales adapted to the experience of the employee and to the labour market.

Union representatives
Information about union representatives, see Help for applicants

Application procedure
Apply for the position by clicking the “Apply” button below. Your application must be received at latest January 10 2022. Applications and documents received after the date above will not be considered.

Equal opportunities
Linköping University will continue to develop as an attractive and creative place of work, characterized by equal terms and actively works for equality and diversity. We look forward to receiving your application!
Linköping university has framework agreements and wishes to decline direct contacts from staffing- and recruitment companies as well as from vendors of job advertisements.
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