

CALL FOR PhD STUDENT POSITION

An open PhD student position is available in the research group led by Professor Miika Nieminen at the Research Unit of Medical Imaging, Physics and Technology, University of Oulu, Finland. The call pertains to the Structure-specific MRI Characterization of Articular Cartilage in Osteoarthritis project. The aim of the project is developing novel MRI-derived technologies to directly characterize the structure and physical properties of articular cartilage in early osteoarthritis. This can be achieved through validation of developed methodology in experimental and clinical MRI systems.

A successful applicant must hold an MSc degree (or is about to graduate in near future) in physics, chemistry, biomedical engineering, electrical engineering, medicine or related field. Applicant must fulfill the criteria for admission to the UniOGS (http://www.oulu.fi/uniogs/requirements_for_admission).

Additionally, experience in the following research areas is considered as an advantage:

- MR physics
- relaxometry
- experimental preclinical/clinical MRI
- pulse sequence programming
- image processing

A six-month trial period will be effective in the beginning of the up to 2-year contract.

The salary will be based on levels 2-4 of the demand level chart for university-level teaching and research staff of Finnish universities. In addition, a salary component based on personal work performance will be paid (maximum of 46.3 % of the job-specific component).

The starting date should preferably be during the summer 2018. Starting at an earlier or later date can be considered. **The funding is currently available for a minimum of two years.**

Applications, together with all relevant enclosures, must be submitted using the electronic application form by 31.5.2018. Applications sent by email will not be considered.

https://rekry.saima.fi/certiahome/open_job_view.html?did=5600&jc=1&id=00005578&lang=fi

The following documents must be attached to the application (in English):

- 1) Brief description of research merits, experience and motivation
- 2) Full CV or resume
- 3) Names and email addresses of at least two references

For further details regarding filling the post:

Professor Miika Nieminen, miika.nieminen@oulu.fi. Indicate "PhD position in cartilage MRI" as the subject of the email.