Postdoctoral position is available within the research group of professor Miika Nieminen. Our group is composed of a team of experts in medical physics, biomedical engineering and radiology in the multidisciplinary and international research environment of the Research Unit of Medical Imaging, Physics and Technology at the Oulu University of Oulu.

Focus of the project is the development of MRI biomarkers for imaging of musculoskeletal tissues. The development process ranges from preclinical testing to in vivo implementation for studying human subjects and patient populations. The details of the research project will be mutually agreed upon, based on the expertise and interests of the candidate.

Required qualifications and assessment A successful applicant will have a PhD (or will be very close to submitting his/her thesis) in physics, chemistry, biomedical engineering, electrical engineering, medicine or similar field. Additionally, the applicant will have extensive experience with demonstrated track record in at least one of the following: MR physics, relaxometry, experimental preclinical MRI, pulse sequence programming, image processing.

Fluent oral and written English skills as well as good communication and teamwork skills are required. Demonstrated experience in writing scientific publications, potential in acquiring supplementary funding and teaching experience will be taken as merits.

When assessing the applicant’s qualifications, issues to be considered will include scientific publications, supervision experience, activity in the scientific community and familiarity with the research field. As part of the research unit, the duties may also include supervising scientific research of BSc, MSc, and PhD students. Participation in teaching within the faculty curriculum and in acquiring research funding is expected.

The position is starting in the autumn of 2019. Starting at a later date can be considered. The postdoc funding is for one year. A six-month trial period will be effective in the beginning of the up to 2-year contract.

Salary The salary is in accordance with the University salary system (for teaching and research personnel) level 5. In addition, there is a share increase at most, 50% of the base salary, which is based on personal achievements and performance. The salary is in practice roughly 3,100 – 4,100 € / month, depending on qualifications, performance, and experience.

For further details regarding filling the post: Professor Miika T. Nieminen / miika.nieminen(at)oulu.fi

Applications, together with all relevant enclosures, must be submitted using the electronic application system by August 31th, 2019. Applications sent by email will not be considered.


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

1. Motivation letter (1 – 2 pages)
2. CV with the names and contact details of 2 – 3 references
3. Full publication list
4. Copies of relevant official degree

More info on our research group at http://www.mipt-oulu.fi/