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Announcement of a Post Doc position in Medical Radiation Physics with Specialisation in Ion Therapy at the Technische Universität Wien

The Atominstitut offers a Post Doc position in Medical Radiation Physics with Specialisation in Ion Therapy. The applicant will be part of the research group lead by Prof. Lembit Sihver and mainly located at the MedAustron proton and carbon therapy facility in Wiener Neustadt.

The planned research includes the establishment of range monitoring using PET at the MedAustron. A software needs to be established and adapted to the characteristics of the PET scanner which is present at the MedAustron facility. After having established the software for the clinical workflow, the next task is the optimization, regarding performance and precision of the simulation.

The position is based on a fixed term 5 years contract and will be available from February 1, 2016.

Requirements: completed PhD degree in Medical Radiation Physics, Physics or a closely related field. Experiences of PET as well as simulations with deterministic and Monte Carlo transport codes. Programming in Fortran and C++, MatLab and Python are meritorious.

Salary: €3546.- (14 times per year). The weekly working time is 40 hours per week.

The Technische Universität Wien is committed to increase female employment in leading scientist positions. Qualified female applicants are encouraged to apply and will be given preference if equally qualified.

Handicapped persons with appropriate qualifications are also expressly encouraged to apply.

Applicants should provide a letter of motivation, CV, PDF file of their doctoral thesis, list of publications and the names and contact details of two references to Technische Universität Wien, Personaladministration, Fachbereich wissenschaftliches Personal, Karlsplatz 13, 1040 Vienna, Austria or by email to manuela.reinharder@tuwien.ac.at

Applications received prior to **January 6, 2016** will receive full consideration.