Department of Radiology, Medical Physics is inviting applicants to join the MRI motion tracking and correction project, one of the most successful and fast growing activities carried out at the Department over the recent years. Adaptive motion correction technology developed at the University Medical Centre Freiburg in collaboration with partners in Magdeburg (Germany), Milwaukee and Honolulu (USA) has reached a degree of maturity to enter a wide application area ranging from non-cooperative patients in clinical routine to high-profile neuro-scientific studies. Nonetheless, despite of the advanced stage of the project a number of technical challenges still needs to be addressed. The goal of the present project is to develop the technology and methodology further and to validate the results in healthy volunteers and patients.

The successful applicant will join a stimulating working environment of over 80 scientists at the MR Physics Group in Freiburg, led by Prof. Jürgen Hennig. The project will be carried out in tight collaboration with leading industry partners providing access to cutting edge technological developments in human imaging.

The following position is available: **Ph.D. Student**

The candidate is required to be motivated with good English skills, and have completed a relevant degree in physics or engineering (Masters / Diploma or equivalent). It is also desirable to have some prior knowledge of MRI methodology, and programming skills in C++ and Matlab.

**Address your application via e-mail to:**
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**Visit our web pages**
Medical Physics at University Medical Centre Freiburg: http://www.mr.uniklinik-freiburg.de

University Medical Centre Freiburg is an equal opportunity employer. Qualified applicants are considered for employment regardless of age, race, colour, religion, sex, national origin, sexual orientation or disability.