The Department of Radiology, Medical Physics is inviting applicants to support our activities in the area of Magnetic Resonance Technology and Applications. Over the recent years our department has developed a number of novel MR imaging protocols and methods. The present project will focus on the development and application of advanced cardiac and diffusion imaging protocols.

The successful applicant will join a stimulating working environment of over 50 scientists at the MR Physics Group in Freiburg, led by Prof. Maxim Zaitsev. The project will be carried out in tight collaboration with leading industry partners providing access to innovative technological developments such as the first in Europe Siemens CimaX whole-body MR scanner with 200 mT/m gradient strength and will focus on human in vivo cardiac and diffusion imaging.

The following position is available:

**Postdoctoral Researcher – Cardiac and Diffusion MRI**

The candidate is expected to have completed Ph.D. in physics, engineering or equivalent. Experience with MR physics, pulse sequences, image reconstruction and programming in general (Matlab/Python/C++) are expected. Experience with cardiac MR imaging and/or diffusion MRI would be of advantage. The present position allows for the unique combination of theoretical and practical aspects with the perspective of a fast and broad adoption of the developed methodology in the scientific community. The working language in our international team is English.

**Employment Conditions**
Salary and benefits will be in accordance with the regulations for German federal employees (TVL E13). Duration of the contract will be two years with options for extension. Initiatives for developing own research profile, acquisition of third party funding, development of corresponding leadership and mentorship skills are highly welcome.

**Living in Freiburg**
Freiburg is located in the south west of Germany, close to the Swiss and French border. At the foot of the Black Forest, the city is ideal for a variety of outdoor activities. Lonely Planet has recently ranked Freiburg 3rd amongst the top 10 "Best in Travel City Destinations of the World 2022".

**Address your application via e-mail to:**
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Division of Medical Physics, Department of Radiology
maxim.zaitsev@uniklinik-freiburg.de

**Visit our web pages**
Medical Physics at the University Medical Center Freiburg: http://www.mr.uniklinik-freiburg.de
Magnetic Resonance Development and Application Center: http://www.mrdac.com

University Medical Center 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.