



The Carl Gustav Carus Faculty of Medicine and the University Hospital Carl Gustav Carus of the Technische Universität Dresden are offering a position at earliest convenience as a

## **Chair (W2) of Experimental Imaging and Clinical Magnetic Resonance Imaging**

The professorship is affiliated at the Department of Diagnostic and Interventional Radiology (Medical Director: Prof. Dr. Ralf-Th. Hoffmann, MBA) and includes the deputy chairmanship of the department.

The professorship aims at strengthening MRI research at the level of university medicine in Dresden, and focusses on the testing and independent development of new MRI techniques for gastrointestinal imaging, especially of the liver and pancreas. In addition, the professorship promotes cooperation with national and international scientists in terms of state-of-the-art developments in radiological research such as population-based imaging and radiomics.

The position has a bridging function between the radiology department and the professorship for Translational Imaging in Oncology at the Dresden site of the National Center for Tumor Diseases (NCT), the Department of Diagnostic and Interventional Neuroradiology, and the Department of Nuclear Medicine. This cooperation is essential for both, the preclinical development and validation of new MRI techniques, and their routine clinical implementation.

Along with the independent neuroradiology department, the Dept. of Diagnostic and Interventional Radiology currently operates three clinical imagers (two 3.0 T and one 1.5 T) and a dedicated 3-T research MRI system. In the course of 2019, an additional intraoperative 3-T MRI scanner and another 3-T imager will be put into operation, again in cooperation with other partners. We jointly use a PET/MRI system with the Department of Nuclear Medicine, and another PET/MRI scanner will be installed in the planned new building of the NCT at the site of Dresden University Hospital.

As a successful candidate, you have an excellent scientific background in the development of MRI techniques and clinical applications. Moreover, you have a keen interest in cooperating closely with the local research partners of the Faculty of Medicine including the NCT, Oncoray, the Helmholtz Center and the Technische Universität Dresden.

Another essential part of the activities within the scope of this professorship is to participate in the department's routine patient examinations including after-hour and weekend care as well as in the further and advanced training programs for the staff of Dresden University Hospital.

We prefer a candidate with a special dedication to the teaching of medical students and to designing and implementing innovative and practice-oriented teaching approaches and a keen interest in academic self-administration.

The prerequisites for employment according to § 58 SächsHSFG are a university degree in medicine, doctorate and post-doctoral degree/habilitation or equivalent achievement, teaching experience as well as a track record in securing third-party funding. We expect applications from radiologists with many years of clinical experience and a special interest in MRI and CT as well as leadership experience. Ideally, candidates should also have expertise and skills in vascular and nonvascular interventional radiology.

The Faculty of Medicine aspires to increase the number of women in research and teaching, and strongly encourages qualified women to apply for this position. We also welcome applications from scientists with disabilities or additional support needs.

Please send your application by **January 4th 2019** to the **Dean of the Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden, Prof. Dr. med. H. Reichmann, Fetscherstraße 74, 01307 Dresden, Germany**. For further details concerning the required application documents see the homepage of the Faculty of Medicine or please contact the dean's office (Dr. Janetzky, +49 351-458-3356), the equal opportunity officer Dr. Valtink (+49 351-458-6124) or the representative for disabled persons Ms Hillig (+49 351-458-3327).

Technische Universität Dresden is a family-friendly university and offers a dual career service. The Faculty of Medicine also provides active support for childcare options as well as help in finding adequate jobs in the region for the candidate's partner.