

Ph.D. student position.

At the **Institute of Diagnostic und Interventional Radiology of Hannover Medical School** (Director: Prof. Dr. med. Frank Wacker) research and method development have a high priority. The focus is on the translation of research results into the clinic for a noticeable improvement in patient care. Main priority is on technical and clinical validation and feasibility studies of innovative methods in the field of MRI and CT imaging and post-processing, which are developed in cooperation with companies as well as independently. Modern MRI and CT systems as well as state-of-the-art high-performance computers are available for this purpose. For our interdisciplinary team, consisting of physicists, computer scientists, engineers and physicians, we are looking for a dedicated and team-oriented PhD student for:

Functional MRI imaging and image post-processing of the lung.

We offer

- a largely independent workplace with the following tasks:
 - Participation in scientific projects, especially in the field of lung imaging in a well-functioning team.
 - Responsibility for scientific projects in the context of doctoral studies
- Unique research infrastructure at the Clinical Research Center Hannover.
- Collaboration at the highest scientific level in a dedicated team for experimental radiology with close connection to clinical radiology
- Possibility and support for doctoral studies or post-doctoral work
- a salary according to TV-L as well as an additional pension scheme (VBL)

Your qualifications

- a successfully completed university degree in physics or engineering (medical technology)
- Solid command of programming languages such as C++, Matlab or Python
- Experience in medical imaging and MRI sequence programming is advantageous
- strong analytical skills
- a high level of social competence, very good communication skills
- the ability to work independently on projects

The promotion of equal rights is a matter of course for us. The MHH is committed to promoting women in professional life. Applications from women are particularly welcome. Severely disabled persons and those equaling severely disabled persons, who are equally suitable for the position will be considered preferentially within the framework of legal requirements.

Please send applications to

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