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Our Research Department Tomographic Imaging Systems (TI) at Hamburg focuses on advancements to existing medical imaging modalities as well as on innovations in newly developing modalities for medical diagnosis and image-guided interventions and therapy applications. Our work includes the generation of fundamentally new concepts, the exploration of principles, the prototyping of respective techniques, systems and solutions and the technical and clinical validation and evaluation, in collaboration with clinical partners.

Research Scientist MR System Front-Ends (f/m) - Job-ID 65612

Your Responsibility:

As a Research Scientist within Tomographic Imaging Systems, you will work on exciting research topics that matter to patients by cooperating with other scientists in multi-disciplinary project teams and explore, prototype and evaluate innovative MR system front-ends including the magnet-, gradient- and RF system for dedicated applications.

Your Profile:

As a professional, you:

- have earned your Ph.D. in Physics or Electrical Engineering and have built up knowledge in the area of dynamic electromagnetic fields including theory, simulation and experiments;;
- have a good understanding of the physics of medical imaging;
- have good programming skills;
- are a creative, yet pragmatic researcher, who is able to translate explorative ideas into tangible results to be transferred to our healthcare business;

As a person, you:

- want to find better solutions and are a creative "out-of-the-box" thinker;
- communicate easily and clearly, verbally and in writing, in German as well as in English;
- have a strong will to succeed in a team of other scientists and engineers;
- are motivated by seeing that your work makes a difference to the world.

Are you interested in being part of the team?

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Contact: Julia Reusch, +49 (0)40-2899-2891



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