Openings for 7T Ultra High Field MR Research Scientists in the USA

The Siemens MR R&D Collaboration team has multiple openings for MR Research Scientists engaged in 7T Ultra High Field (UHF) collaborations with most of them focusing on pulse sequence development, image reconstruction methods and application development. Some involve additionally collaboration management and in one case is more system hardware related.

The Siemens MR R&D team in the US is a multidisciplinary group of highly motivated scientists, engineers, and advanced application specialists based at various locations across the country, and working closely with our research partners at Universities and academic hospitals. We are seeking highly motivated and experienced individuals to join our team to help maximize the clinical and business impact of our research work. The positions will be based at various leading academic institutions in the US: Bethesda, MD, Houston, TX, Los Angeles, CA, Minneapolis, MN, New York City, Philadelphia, PA. The individuals will be responsible for driving innovative and clinically relevant MR techniques from local prototypes, to prototypes for worldwide distribution and potentially to product solutions. The individuals are expected to take a lead in design, implementation, and execution of research projects in MR in collaboration with our academic and clinical partners. Furthermore, the individuals will act as a liaison between Siemens’ research collaborators and Siemens’ internal groups worldwide, including R&D, product definition, development teams, and marketing.

Responsibilities
- Drive the development of novel, clinically relevant techniques (MR pulse sequences and image reconstruction) with our research partners.
- Develop and release prototypes of novel techniques in compliance with highest source code quality.
- Develop and manage research collaboration with academic partners.
- Evaluate prototypes, and publish results in peer-reviewed journals.
- Conduct original research resulting in patent applications.

Required Knowledge/Skills, Education, and Experience
- Ph.D. in Biomedical or Electrical Engineering / Biomedical Physics / Imaging Physics, or equivalent.
- Strong collaboration skills and ability to thrive in a dynamic environment.
- Strong background in MR physics and pulse sequence design.
- Expertise in MR imaging techniques and clinical applications.
- Excellent communication and interpersonal skills, ability to engage in complex team environments
- Substantial experience in C++/C software design, implementation and coding.

Please contact:
Bernd Stoeckel (bernd.stoeckel@siemens-healthineers.com)

Online Application Links:
https://jobs.siemens-info.com/jobs/239478?lang=en-us
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