MR Collaboration Research Scientists (junior/senior)
Location: China – Shanghai & other locations

Introduction:
Siemens Healthcare China is looking for MR Collaboration Research Scientists (junior/senior) to manage and support the research collaboration throughout China and for one major collaborator in Shanghai.

Position Overview:
The Siemens MR Collaboration team in China is a multidisciplinary group of highly motivated scientists 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 collaboration work. These positions will be based 1) throughout China (research scientists) and 2) at one leading academic institution in Shanghai, China, with unique combination of research MR systems (onsite research scientists).

What are my responsibilities?
- Develop new MR techniques and applications to provide better medical MR imaging solutions. Including sequence development projects done in collaboration with the collaboration partner. (onsite research scientists)
- Provide technical support to the collaboration partner for advanced research questions, including support in sequence programming using the IDEA platform. (onsite research scientists)
- Managing both internal & external resources to develop and test new MR techniques.
- Leading the design and implementation of research / development projects in a way consistent with international standards in the interest of Siemens and our collaboration partners.
- Management of the collaboration process from, project design, project implementation, completion of data collection, storage and presentation and final closure of the projects.
- Preparation and writing of scientific papers together with collaboration partners to ensure the work has impact in the scientific and academic community.
- Act as a liaison between this customer and Siemens’ research collaborators and Siemens’ internal groups in China and worldwide, including, but not limited to R&D, development teams, collaboration teams and Marketing.
- A substantial amount of time will be spent with collaboration partners to provide research / academic consultancy on many topics related to MRI research and liaising with Siemens colleagues in China, headquarters and globally to help develop future technologies adapted to the needs in China.
What do I need to qualify for this job?

- Previous research experience in medical imaging, preferably in MRI. Preferably with PhD.
- Hands-on experience with MRI equipment, Experience with Siemens and/or UHF systems and/or ultra-strong gradients (Connectome) is a plus. (onsite research scientists)
- Basic medical knowledge & interest to develop medical knowledge
- Substantial experience in C++ software development is expected and design of MR sequences and image reconstruction using the Siemens SDE platform (IDEA/ICE) is preferable, as well as knowledge in image post processing. (onsite research scientists)
- Ability and interest to motivate and guide collaboration partners through the process of research projects
- Capability to communicate effectively with customers, colleagues and the medical community about the research work
- Ability to both work independently and maintain good contact with the international Collaboration team
- Strong attention to detail, ability to create new and innovative solutions, establish and maintain relationships with a variety of people in different roles / levels and physical locations are critical.
- Experience in publishing and presenting scientific work to the medical community, especially experience in writing scientific papers for international journals. A good track record of peer reviewed publications is desired.
- Excellent command of English, both written and spoken. Native speaker or working proficiency in mandarin is preferable.
- Experience in developing RF electronic for MRI system (especially UHF system) is a plus.

Interested?
Please send resume per email to:

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