Senior Physicist

Perspectum, a market leader within the Medical Imaging industry is looking to expand our dedicated Physics department in our Oxford Headquarters by recruiting a Senior MRI Physicist to the team.

As the Senior Physicist you will work amongst a team of physicists developing quantitative MRI methodologies that will be incorporated in a suite of MRI protocols and software tools.

The Physics department is part of a wider multidisciplinary team, with academic and industrial experience in clinical science and diagnostics, MRI physics and biomedical image analysis. They are responsive to the requirements of customers and influence both the technical and product road maps for future releases.

Day to day your role will include designing and prototyping quantification algorithms for MRI data as well as modelling MR data to understand artifacts and other behaviours. You will prepare documentation such as requirement specification, engineering specifications, installation and user guides as well as present to internal and external audiences.

Supporting the Data Analysis and Imaging Applications teams in understanding incoming customer data as well as development and maintenance of software tools for MR Physics and Imaging Applications will be part of this role. You will also plan R&D programs and support departments such as Software Engineering Regulatory Affairs, Marketing and Business Development.

Ideally you would be willing to travel to represent Perspectum at conferences and at customer sites.

To be successful in this role you will hold a PhD in Physics or Engineering and have a considerable amount of working experience in the field of MRI. You will have experience and knowledge of quantitative MRI methods as well as MR physics modelling. You will have Programming experience in one or more of the following: Matlab, Python, C/C++.

Above all you will have ability to work independently and as part of a team and have excellent communication skills both written and verbally.

Although not essential, it is desired that you have experience in human imaging with MRI ideally in one or more of the following areas: abdominal MRI, cancer imaging, women’s health as well as experience of operating MRI scanners and familiarity with at least one of the main MRI scanner vendors (GE, Philips, Siemens)