

MRI physicist

We are looking for **two MRI physicists** who are capable of developing MRI pulse sequences and MRI applications.

MR Solutions is a world leading manufacturer of MRI spectrometer consoles and benchtop preclinical MRI systems based in the south east of England. We also develop MRI systems and sub systems to customer specification. With over 25 years of R&D behind us our spectrometers have the ultimate performance for both research users and MRI system manufacturers alike. Our experience is based on the design and development of over 100 different MRI systems, from 0.1 T to 4.7 T for whole human body applications and from 0.01 T to 9.4 T for research. We bring a wealth of expertise to the marketplace. We believe that our spectrometers and systems are the most flexible, open and fully featured available.

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A degree in Medical Physics, Engineering or related field, a postgraduate qualification is an advantage.

Experience of MRI pulse sequence design for a number of applications would be essential.

Good image processing and computer skills, e.g. C++ and MATLAB will also be required.

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This full-time position is available immediately and will require international travel to customer sites.

MRI Gradient & shim coil design engineer/physicist

We are also looking for **one MRI gradient/shim coil design engineer or physicist**. This full-time position is also available immediately.

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A degree in Physics, Engineering or a related field, a postgraduate qualification is an advantage

Experience of electromagnetic design and analysis of gradient coil

Experience of modelling active/passive shimming

Experience developing gradient/shim coils and functional testing

Experience with the analysis of interactions between gradient/shim coils and the magnet

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Interested candidates should forward their CV and the contact information for two references to:

Chang-Hoon Choi, PhD.

chang-hoon.choi@mrsolutions.co.uk

MR Solutions, Unit 1K, Merrow business park, Guildford, GU4 7WA, UK