



Post-Doctoral Research Associate in Diagnostic & Interventional Cardiac MRI

Salary Details: £32,548 to £39,992 per annum Allowances: +£2,923 p/a London Allowance

Contract Type: Temporary/Fixed term Contract Term: Full time

A post-doctoral research associate position is available at King's College London within the Department of Biomedical Engineering, located at the St Thomas Hospital. King's College London, with its 200 years of heritage, is recognised today as a world-leading research university.

The post holder will participate in an EPSRC funded project on MR-guided ablation of cardiac arrhythmias, led by Dr. Sébastien Roujol and Prof. Reza Razavi. The applicant will join an interdisciplinary environment with a strong experience and expertise in interventional/cardiac MRI as well as in image processing. The project will involve the development of novel techniques for myocardial tissue characterization and interventional MRI, publishing in high impact journals and presenting findings at international conferences. The post-holder will work under the supervision of Dr. Sébastien Roujol and Prof. Reza Razavi.

The successful candidate should have a PhD in biomedical engineering, medical physics, computer science or related fields. The candidate should have a strong experience and track record in at least one of the following: MRI sequence development and/or MR-reconstruction/image processing techniques. Furthermore, the applicant should have a good knowledge of MRI physics and ideally good programming skills in Matlab/C++. Experience in pulse sequence programming (Siemens: IDEA) would be advantageous.

The initial appointment is for a period of 2 years with possible extension based on satisfactory performance and availability of funding. The salary will be paid at Grade 6, £32,548 to £39,992 per annum, plus £2,923 per annum London Allowance.

The deadline for applications is 8 December 2017.

If you'd like to express your interest and discuss your suitability for this post, please contact Dr. Sébastien Roujol via email at sebastien.roujol@kcl.ac.uk.

To apply for this role, please visit:

https://www.hirewire.co.uk/HE/1061247/MS_JobDetails.aspx?JobID=78205

and register to download and submit the specified application form