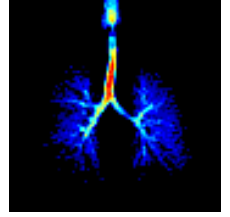




The  
University  
Of  
Sheffield.



## **ER position available: Magnetic Resonance of Hyperpolarised Gases**

**Post : EU funded Postdoctoral research fellow (Marie Curie Fellowship).**

**Duration 2 years.**

**Salary £35,000 p.a. (52,875 Euros) plus relocation allowance.**

**An experimental physicist/ research engineer** is sought with relevant experience of MRI hardware (RF coils) and pulse sequence development. The work will involve implementation of parallel imaging on 3T and 1.5T whole body MRI systems for <sup>3</sup>He MRI.

The project is funded as part of the EU Framework 6 Polarised Helium Imaging for Lungs Network (PHELINET) and the post-holder will be encouraged to participate in ongoing collaborations with other researchers across Europe with multiple opportunities to visit leading international laboratories.

The Sheffield group have an international track record in hyperpolarised gas MRI with strong research interests in the engineering, pulse sequence development and in-vivo applications. For more details of the research see our webpage:

([www.shef.ac.uk/medicine/research/sections/neuroscience/radiology/research/intro.html](http://www.shef.ac.uk/medicine/research/sections/neuroscience/radiology/research/intro.html))

The University of Sheffield ([www.shef.ac.uk](http://www.shef.ac.uk)) is a large University situated in one of the UK's most progressive cities (population 600,000). The city has excellent cultural opportunities and is on the edge of the Peak District National Park ([www.peakdistrict.org](http://www.peakdistrict.org)).

In the interest of equal opportunities, female candidates are strongly encouraged to apply.

**Closing date:** 1st May 2007.

For more information on the project, please **contact:**

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