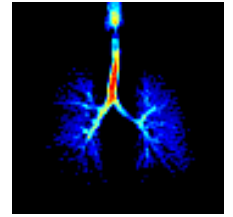




The  
University  
Of  
Sheffield.



## ESR position available: Magnetic Resonance of Hyperpolarised Gases

**Post: PhD Studentship funded by EU Marie Curie Studentship. Duration 3 years.**

**Salary £22,912 p.a. (34,368 Euros) plus relocation allowance.**

**Graduate or Masters Physicists** with a strong theoretical and experimental background, knowledge of electronics and programming in languages such as C, MATLAB and LabView. The work will involve implementation of novel imaging techniques 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 student will be encouraged to participate in ongoing collaborations with other researchers across Europe with multiple opportunities to visit leading international laboratories and to attend taught summer schools.

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 April 2007

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

**Jim Wild**, Senior Lecturer,  
Magnetic Resonance Physics,  
Project Lead Hyperpolarised Gas MRI,  
Academic Radiology,  
University of Sheffield  
Tel: +44-114-2268665  
e-mail: [j.m.wild@sheffield.ac.uk](mailto:j.m.wild@sheffield.ac.uk)