



## ***Ph.D. Opportunities*** **Neutron and X-ray Training (NEXT) Doctoral Training Centre** ***New Frontiers in Quantum Matter***

The NEXT DTC is seeking to fill six Ph.D. studentships with a start date of October 2009. The NEXT DTC is a new joint initiative between Royal Holloway University of London, University College London and the ISIS neutron centre on the Harwell Science and Innovation Campus.

The main scientific theme of the NEXT DTC is *New Frontiers in Quantum Matter*, with research opportunities in the areas of quantum fluids, nanoscale structures and imaging, quantum magnetism, materials discovery, frustration and novel order parameters, and matter under extreme conditions. The research will be focussed on exploiting the exciting possibilities offered at ISIS and the Diamond Light Source.

Further information can be obtained from either Prof. Jon Goff ([jon.goff@rhul.ac.uk](mailto:jon.goff@rhul.ac.uk)), Prof. Des McMorrow ([d.mcmorrow@ucl.ac.uk](mailto:d.mcmorrow@ucl.ac.uk)), or Prof. Stephen Bennington ([stephen.bennington@stfc.ac.uk](mailto:stephen.bennington@stfc.ac.uk)).

