Royal Holloway, University of London
Department of Physics

Lecturer/Senior Lecturer in Theoretical Condensed Matter Physics

Lecturer salary is in the range £39,146 to £46,300 per annum inclusive of London Allowance

Senior Lecturer salary is in the range £47,620 to £54,840 per annum inclusive of London Allowance

We intend to appoint a Lecturer or Senior Lecturer in Theoretical Condensed Matter Physics, to join the Hubbard Theory Consortium (HTC), established in 2010 by the University of London (Royal Holloway, and University College/London Centre for Nanotechnology), by the facilities on the Harwell Science and Innovation Campus, and the University of Kent.

We are seeking an individual with a strong record of research in the theory of strongly correlated quantum matter. Possible areas of interest include strongly correlated electron systems (including dynamical mean field theory), quantum magnetism, superconductors and superfluids, topological quantum matter, new materials and nanostructures.

A key mission of the Hubbard Theory Consortium is the strong interaction with scientists at Harwell and experimentalists in the University of London and further afield, to support an environment for world-class research, from fundamental studies of model systems to the development of new functional materials. The Harwell Science and Innovation Campus hosts the largest scientific facilities in the UK, including the ISIS neutron spallation source, serving a wide international community of users.

The Hubbard Theory Consortium, under the direction of Professor Piers Coleman (Rutgers/RHUL), has an active international visitors’ programme. It is associated with the Thomas Young Centre, the London Centre for Theory and Simulation of Materials. Our Department is part of the South East Physics Network (SEPnet), a wider regional consortium for teaching, outreach and research.

For an informal discussion about this post, please contact Professor Matthias Eschrig via email at matthias.eschrig@rhul.ac.uk.

This full time and permanent post is based in Egham, Surrey.

For further details of this post, please view and apply online at https://rhul.engageats.co.uk. The Recruitment Team can be contacted with queries by email at recruitment@rhul.ac.uk or via telephone on: 01784 414241

Please quote the reference: X0512-5651

**Closing Date:** Midnight, 31st July 2012  
**Interview Date:** September 2012

The College is committed to equality and diversity, and encourages applications from all sections of the community.