

UNIVERSITY OF OXFORD

DEPARTMENT OF PHYSICS

Rudolf Peierls Centre for Theoretical Physics

POSTDOCTORAL RESEARCH ASSOCIATE - Grade 7

Salary £28,839 - £35,469

Applications are invited for a 2-year postdoctoral research position at the Rudolf Peierls Centre for Theoretical Physics. The position is supported by the STFC Astronomy Grant "Turbulence, plasma instabilities, transport and magnetogenesis in clusters of galaxies." The successful candidate will work with Dr Alexander Schekochihin. At the time of appointment she/he will have, or will be about to complete, a PhD in plasma physics or related subject. The range of possible projects includes kinetic and fluid (MHD) theory and numerical simulations of magnetised turbulence in astrophysical conditions. Prior experience and/or training in plasma physics and/or astrophysical fluid dynamics are desirable. Interested candidates are encouraged to contact Dr Schekochihin (a.schekochihin1@physics.ox.ac.uk) with informal inquiries.

The successful candidate will be appointed on the PDRA Grade 7 salary scale for 2 years (there is a possibility of a slightly longer tenure, depending on the starting salary). The starting date will be at the earliest possible time between April 15 and October 1, 2009.

Further particulars and application forms may be obtained from Ms Victoria Bateman, by email (v.bateman1@physics.ox.ac.uk) or by post (Rudolf Peierls Centre for Theoretical Physics, 1 Keble Road, Oxford OX1 3NP, UK). Applications should be sent to the same address, quoting reference number DR09/001 and including an application form, a curriculum vitae (please indicate nationality), a brief research statement, and the names and addresses of at least two referees (who should be asked to write separately). The deadline for receipt of applications and references is 1 March 2009.