

DEPARTMENT OF MATERIALS, UNIVERSITY OF OXFORD

**Research Assistant in the Development of Electron Detectors
Grade 7 / Salary in the range: £28,983 to £35,646 pa / Job Ref No: DJ10/05**

As part of a major initiative funded by EPSRC and the EU in the development of direct electron detectors, a new position is available immediately for one year. The project aims to develop and commercialise novel detector technologies developed in the Department of Materials for imaging electron detectors to a level where a commercial prototype sensor can be demonstrated to potential investors.

The successful applicant will play a key role in identifying and developing core technologies for commercialisation, undertaking the required market research, preparing an outline business strategy, and identifying potential licensees and investors. This work will be carried out in collaboration with research scientists within the world-leading Electron Image Analysis Group and with Isis Innovation who are responsible for technology transfer at Oxford. If successful, the project may lead either to licensing agreement(s) or to a spin-out company.

You should have a degree in Physics, Engineering or a related field, preferably with exposure to electronic engineering/system design or detection systems and will have an interest in market research and technology transfer and in the management of intellectual property. You will be self-motivated with the ability to work both independently and as part of a team within a multidisciplinary research group, with excellent written and interpersonal communication skills. The project will require interaction with international commercial suppliers and the successful applicant may be expected to undertake foreign and domestic travel for periods of typically a few days to several weeks. If no suitable applicant is forthcoming an appointment on the scale £25,751-£30,747 (with an appropriate adjustment of duties) may be considered.

Further particulars, including instructions which must be read before applying for this post, are available from the web-site: <http://www.materials.ox.ac.uk> or from Mrs K Fewings, Department of Materials, University of Oxford, Parks Road, Oxford OX1 3PH (email: posts@materials.ox.ac.uk), or telephone 01865 273680 (post reference **DJ10/05**). Informal enquiries only (no applications) about the post may be made to Professor A I Kirkland (email: angus.kirkland@materials.ox.ac.uk). The closing date for applications is **9 April 2010** with interviews currently planned for early May 2010.
