

University of Surrey

FACULTY OF ENGINEERING AND PHYSICAL SCIENCES

Department of Physics

2 x Lectureships in Applied Radiation Physics:

Post A: Radiation Imaging

Post B: Radiation Detectors

Salary: £26,666 - £40,335 per annum
(*subject to experience and qualifications*)

Ref: 6505

The Centre for Nuclear and Radiation Physics at the University of Surrey is arguably the strongest University grouping of its kind in the UK, combining research in pure and applied nuclear and radiation physics. We seek to build on this strength and our commitment to innovation in detector science and applied radiation imaging in particular.

We invite applications from those with active research interests in these fields to join our Research Centre, via two full Lectureship positions. Current detector research within the Centre relates to developing CdZnTe for high energy X-ray imaging, synthetic diamond for radiation-hard dosimetry and organic semiconductors for flexible devices. Imaging focuses on the development and application of X-ray micro-tomography and PET, and the use of proton microprobe and synchrotron sources. Applications span medical physics, homeland security, nuclear and particle physics and astronomy.

Applications are particularly welcome from those who are able to collaborate with regional hospitals and industry and/or are able to exploit national facilities such as the Diamond synchrotron at RAL and/or could help grow the Centre's regional academic collaborations. The successful candidates will contribute actively to the Department's successful MSc courses in Medical Physics, Radiation Detection and Instrumentation, and Radiation and Environmental Protection (circa 65 students per annum).

Benefits package includes generous annual leave, final salary pension scheme, childcare assistance and leisure facilities.

Informal enquiries may be made to Professor Peter McDonald by e-mail: p.mcdonald@surrey.ac.uk

For an application pack and to apply on-line please go to our website www.surrey.ac.uk/vacancies
If you are unable to apply on-line, please contact Mrs Rebecca Varcoe, HR Assistant, on tel: +44 (0) 1483 686060 or by email: R.Varcoe@surrey.ac.uk

Please quote reference number **6505**.

Closing date for applications is **20 April 2008**.