

Job Details

Research Associate	
Ref	STM0274
Location	Canterbury
Job Type	Research
Contract Type	Fixed Term
Salary Type	Per Annum
Salary (£)	31020 - 35938

STM0274, School of Physical Sciences, Closing date: 25 Mar 2012

The Role

A research associate position for 36 months starting as soon as possible is available within the Applied Optics Group, School of Physical Sciences. This is supported by an European Research Council (ERC) advanced grant awarded to Prof. A. Podoleanu and will tackle optical configurations for nonlinear microscopy, optical coherence tomography, adaptive optics, coherence gated wavefront sensors for microscopy and vision.

The Person

The applicant must have a good background in theoretical and experimental optics and expected to have a PhD in Physics (Optics) or Electrical and Electronic Engineering. We are looking for highly imaginative and self-motivated individual with expertise in cameras, fibre optics, digital signal processing. Prior experience of LabView or C++ and skills in interfacing I/O boards are essential.

The activity is generously supported in terms of equipment, consumables and conference participations.

The Department

The School of Physical Sciences is situated in a newly refurbished science laboratory on the Canterbury Campus of the University of Kent, one of the top universities in the South-East. The campus is set in 300 acres of parkland in Canterbury, just 1 hour by train south-east from London, 10 minutes from the coast and 2 hours away by high speed train from Paris and Brussels. Kent, known as the "Garden of England", is a county dotted with charming old manor houses, castles, cathedrals, and medieval streets whilst Canterbury, a bustling and cosmopolitan city, offers a range of entertainments with theatres, cinemas and nightclubs.

The Applied Optics Group is equipped with state of the art optical sources, optics and electronics equipment. More on the research in the Applied Optics Group can be found at: <http://tinyurl.com/53ljm6>. Further information on the School of Physical Sciences can be found at: <http://www.kent.ac.uk/physical-sciences/>

Closing date for applications: 25 Mar 2012

Interviews are to be held: 29 Mar 2012

Please see the links below to view the full job description and also to apply for this post (please do not send your application directly to the department).

How to apply - for posts of this nature you will be required to fill in the main details section as well as upload your CV, a one page summary (this should include details of experience and other information in support of your application with direct reference to the advertisement and further particulars) and any supporting documents.

Full Job Description: [STM0274_FPs.docx](#) [STM0274_FPs.pdf](#)

file:///I:/fromEPCPHY15/grants/EC/AdvancedLifeSciInvestGrant/RA2_36%20months/tpl_kent01.asp.htm