

Postgraduate Scholarship in Biomedical Optics with emphasis on Optical Coherence Tomography

Supervisor: Adrian Podoleanu

A funded PhD position is available in the field of optical coherence tomography (OCT)

The aim of the project is to devise novel configurations of OCT systems and their optical sources, including ultra fast tuneable lasers. The project may also take the avenue of medical applications, with co supervision from local hospitals.

The successful candidate will be based at the University of Kent's main campus in Canterbury, as part of the Applied Optics Group, and work on the hardware optics of OCT and on its applications.

This PhD Studentship is due to start in September 2017.

Entry requirements and Funding: Applicants should have or expect to obtain a first or upper second class honours degree (or equivalent) in Physics or Electrical Engineering or a related subject. Practical skills in an optics lab and programming experience are essential. This is a Vice Chancellor's Research Scholarship, which will be offered at the standard UK Research Councils' rate (currently £14,296; to cover living costs) and will additionally cover tuition fees at the Home/EU rate (currently £4,121 per annum). This scholarship is available to both UK and EU nationals and will involve undertaking teaching/demonstrating duties during the period of study.

Webpages :

<http://www.kent.ac.uk/physical-sciences/staff/profiles/adrian-podoleanu.html>

<http://www.kent.ac.uk/physical-sciences/research/aog/index.html>

Contact: For further information or informal enquiries, please contact Adrian Podoleanu, ap11@kent.ac.uk

How to Apply: To apply please go to: <http://www.kent.ac.uk/courses/postgrad/apply/index.html>

You will need to apply through the online application form on the main University website. Please note that you will be expected to provide personal details, education and employment history and supporting documentation (Curriculum Vitae, transcript of results, two academic references).

Deadline Date for Applications: 15th March 2017

Interviews to be held between: 28th March and 3rd April 2017