

Research Assistant/Associate in Quantum Communication Systems

Fri, 2017-07-28 12:18 - [Georgia Mortzou](#) [1] **At:** Department of Engineering, University of Cambridge, Cambridge, UK

Deadline: 30 August, 2017

Location

Department of Engineering, University of Cambridge Cambridge United Kingdom
52° 12' 19.2132" N, 0° 7' 18.5412" E

See map: [Google Maps](#) [2]

A position exists for a Research Assistant/Associate in the Department of Engineering to work within the Quantum Communications Hub and in particular to work on the Continuous Variable Quantum Key Distribution system.

The post holder will be located in the Department of Engineering's Electrical Division Building in West Cambridge.

The key responsibilities and duties are to design and develop software for real time data generation, processing and error correction through multicore CPU, GPU and FPGA programming. The qualifications required to perform the role are to have obtained or be close to obtaining a PhD in Computer Science, Physics or a relative discipline. Candidates with industrial exposure in software and hardware skills are also eligible to apply. Preference will be given to candidates with demonstrated software aptitude in relevant areas of research and an ability to work within a team.

Please refer to the HR7 document for further information about the position.

Salary Range: Research Assistant: £25,298 - £30,175; Research Associate: £30,175 - £38,183

Fixed-term: The funds for this post are available for 24 months in the first instance.

Once an offer of employment has been accepted, the successful candidate will be required to undergo a health assessment.

To apply online for this vacancy, please click on the 'Apply' button below. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form.

Please ensure that you upload your Curriculum Vitae (CV), a research publications list and a covering letter in the Upload section of the online application. If you upload any additional documents which have not been requested, we will not be able to consider these as part of your application. Please submit your application by midnight on the closing date.

If you have any questions about this vacancy or the application process, please contact Ms Victoria Barrett, Electrical Engineering Division, Department of Engineering, 9 J. J. Thomson Avenue, Cambridge, CB3 0FA, (Tel +44 01223 748341, email cps-sec@eng.cam.ac.uk)

Please quote reference NM12875 on your application and in any correspondence about this vacancy.

The University values diversity and is committed to equality of opportunity.

The University has a responsibility to ensure that all employees are eligible to live and work in the

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UK.

More information is available through this link <http://www.jobs.cam.ac.uk/job/14497/>

- [Position](#) [3]

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