

Associate Professor in Engineering Science (Electrical  
Engineering (Quantum Technologies))  
University of Oxford

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Posted Dec. 18, 2020, set to expire Apr. 19, 2021

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|-----------------------------|---|
| <b>Job Title</b>            | Associate Professor in Engineering Science<br>(Electrical Engineering (Quantum Technologies))         |
| <b>Department</b>           | Engineering Science   |
| <b>Institution</b>          | University of Oxford<br>Oxford, Oxfordshire, United Kingdom   |
| <b>Date Posted</b>          | Dec. 18, 2020   |
| <b>Application Deadline</b> | Feb. 1, 2021  |
| <b>Position Start Date</b>  | from 1st October 2021 or as soon as possible<br>thereafter  |
| <b>Job Categories</b>       | Associate Professor   |
| <b>Academic Field(s)</b>    | Electrical and/or Electronics   |
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**Job Description**

The Department of Engineering Science intends to appoint an Associate Professor of Engineering Science (Electrical Engineering (Quantum Technologies)) with effect from 1st October 2021 or as soon as possible thereafter. The successful candidate will work at the Department of Engineering Science (Central Oxford, OX1 3EJ) and will be offered a Tutorial Fellowship at Balliol College under arrangements described in the Job Description. The combined University and College salary will be on a scale currently from £48,114 to £64,605 per annum plus additional benefits (see the Job Description for full details). The appointment will be initially for five years at which point, upon completion of a successful review, the post-holder will be eligible for reappointment to the retiring age.

This appointment will add further strength to the Department's work in quantum technologies, and to the substantial activities in quantum technologies across the University. Applications are welcome from candidates with an internationally leading track record in the (broadly defined) area of the engineering

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of quantum systems, including photonic systems as applied to quantum technologies, quantum photonics, quantum computer architectures, or similar areas; with a strong focus on the engineering aspects of these topics.

Candidates will have a strong research background, including a doctorate, and will be expected to engage in and lead high-quality original research. They will be able to secure external research funding and engage in the management of research projects. This will require the supervision of research students and research assistants. They will lecture undergraduate courses and give six hours of tutorials per week during the eight weeks of the undergraduate term. They will have the ability to teach effectively, both at undergraduate and graduate levels, and have excellent interpersonal skills for undertaking tutorial teaching.

The successful candidate will play a pivotal role in developing the Department's activities in quantum technologies, both in research and in teaching undergraduates who wish to specialise in electrical engineering in their third and fourth years. At the same time, the new post-holder should be able to teach mathematics and electrical engineering.

A job description, containing full details of the application procedure and duties, may be obtained from <https://www.eng.ox.ac.uk/about/work-with-us> The job ref is: DF21BAL/148630. Please quote this in all correspondence. The closing date for applications is 12:00 noon on Monday 1 February 2021. Interviews will take place during the afternoons of Thursday 29 April and Friday 30 April.

### **EEO/AA Policy**

Applications are particularly welcome from women and black and minority ethnic candidates, who are under-represented in academic posts in Oxford. The University is an Equal Opportunities Employer.

### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Liz Drake  
Engineering Science  
University of Oxford

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