

Research Fellow in Quantum Communications

Wed, 2022-02-16 17:56 - [Mohsen Razavi](#) [1] **At:** University of Leeds
Deadline: 31 March, 2022

Location

University of Leeds Leeds LS2 9JT United Kingdom
See map: [Google Maps](#) [2]

Quantum key distribution (QKD) provides unbreakable, future-proof security against the vulnerabilities of most cryptosystems currently in operation. QKD has been implemented mostly over dedicated channels and between two parties. Before current communication vulnerabilities are exploited, it is essential to facilitate the use of QKD technology for any two users at any distance, via a network. This project addresses the theoretical analysis of quantum communications networks, especially those relying on satellite nodes and/or quantum repeaters. You will work at the intersection of quantum information science and optical communications. You will also collaborate with partner researchers at Cisco Research.

To explore the post further, please visit

<https://jobs.leeds.ac.uk/Vacancy.aspx?ref=EPSEE1066>

For any queries you may have, please contact:

[Professor Mohsen Razavi](#) [3]

Email: m [dot] razavi [at] leeds [dot] ac [dot] uk

- [Postdoc](#) [4]

Source URL: <http://qurope.eu/db/jobs/research-fellow-quantum-communications-0>

Links:

[1] <http://qurope.eu/users/mrazavi>

[2] <http://maps.google.co.uk?q=%2C+Leeds%2C+LS2+9JT%2C+uk>

[3] <https://eps.leeds.ac.uk/electronic-engineering/staff/495/professor-mohsen-razavi>

[4] <http://qurope.eu/db/jobs/type/postdoc>