

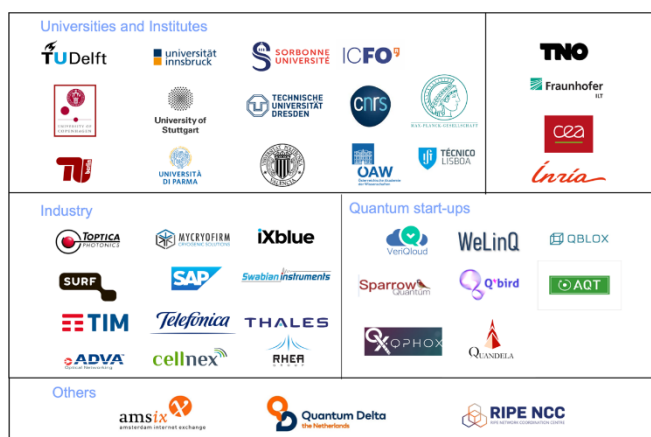
Quantum Internet Alliance – Open Positions

Would you like to join our team of passionate and dedicated scientists and engineers with the ambitious goal of building a Quantum Internet?

The Quantum Internet Alliance (QIA) will be opening more than 40 job vacancies in organizations around Europe - including positions as PhD candidate, postdoc, hardware and software engineer, and project manager.

The long-term mission of the European Quantum Internet Alliance is to build a global Quantum Internet by developing a full-stack prototype network, and by driving an innovative European Quantum Internet ecosystem capable of scaling all sub-systems to world-leading European technology.

Towards this goal, the moonshot objective of QIA right now is to build two metropolitan-scale networks containing quantum processors, connected by a long-distance fiber backbone using quantum repeaters within the next 7 years. This network will be fully programmable to allow the realization of any application supported by the hardware using platform-independent software. The interconnection of two distinct networks will pave the way towards a true Quantum Internet that connects many more metropolitan networks via a long-distance backbone network.



By joining QIA, you will also join the growing innovative European Quantum Internet ecosystem, that includes many industrial actors in various domains, including technology development, classical internet industry, telecommunication systems and quantum technology.

Currently we are offering the following positions:

Organization	Position	Contact	Email / Web
CEA Paris-Saclay / Institut de Physique Théorique (Paris, France)	Postdoc and PhD positions	Dr. Nicolas Sangouard	nicolas.sangouard@ipht.fr
Fraunhofer ILT / RWTH LLT (Aachen / Germany)	Postdoc and PhD positions in Quantum Networks	Prof. Constantin Häfner, Dr. Bernd Jungbluth, Florian Elsen	constantin.haefner@ilt.fraunhofer.de , bernd.jungbluth@ilt.fraunhofer.de , florian.elsen@ilt.rwth-aachen.de



Fraunhofer ILT / RWTH LLT (Aachen / Germany)	Postdoc and PhD positions in Photonics for Quantum Technologies	Prof. Constantin Häfner, Dr. Bernd Jungbluth, Florian Elsen	constantin.haefner@ilt.fraunhofer.de , bernd.jungbluth@ilt.fraunhofer.de , florian.elsen@ilt.rwth-aachen.de
ICFO (Barcelona / Spain)	Postdoc and PhD positions in Quantum Networks and Repeaters	Prof. Hugues de Riedmatten	Hugues.deriedmatten@icfo.eu http://qpsa.icfo.es/
ICFO (Barcelona / Spain)	System Hardware engineer	Prof. Hugues de Riedmatten	Hugues.deriedmatten@icfo.eu http://qpsa.icfo.es/
LIST (Esch-sur-Alzette Luxembourg)	PhD position in Silicon Carbide Quantum Control (Software, Hardware)	Florian Kaiser	f.kaiser@pi3.uni-stuttgart.de
MPQ (Garching / Germany)	Postdoc and PhD positions in Quantum Networks	Prof. Gerhard Rempe	Gerhard.rempe@mpq.mpg.de https://www.mpq.mpg.de/quantumdynamics
MPQ and TU Munich (Garching / Germany)	Postdoc and PhD position in Quantum Networks	Prof. Andreas Reiserer	andreas.reiserer@mpq.mpg.de
Niels Bohr Institute (Copenhagen/ Denmark)	Postdoc and PhD positions in Quantum Networks	Professor Anders S. Sørensen Professor Peter Lodahl	https://tao.dk https://nbi.ku.dk/english/research/quantum-optics-and-photonics/quantum-photonics/
Qblox (Delft / The Netherlands)	Quantum Application Engineer - Quantum Networks	Fokko de Vries Jules van Oven	hello@qblox.com https://qblox.jobs.persONIO.de/
Qblox (Delft / The Netherlands)	Quantum Application Scientist - Quantum Networks	Fokko de Vries Jules van Oven	hello@qblox.com https://qblox.jobs.persONIO.de/





Qblox (Delft / The Netherlands)	Junior Quantum Application Engineer - Quantum Networks	Fokko de Vries Jules van Oven	hello@qblox.com https://qblox.jobs.personio.de/
QuTech (Delft / The Netherlands)	Systems Software Engineer	Wojciech Kozlowski	W.Kozlowski@tudelft.nl https://qutech.nl/careers/job-opportunities/
QuTech (Delft / The Netherlands)	Simulation Software Engineer	Nico Seidler	N.S.Seidler@tudelft.nl https://qutech.nl/careers/job-opportunities/
QuTech (Delft / The Netherlands)	Outreach Manager	David Sayago	D.I.SayagoHilera@tudelft.nl https://qutech.nl/careers/job-opportunities/
QuTech (Delft / The Netherlands)	Innovation Manager	David Sayago	D.I.SayagoHilera@tudelft.nl https://qutech.nl/careers/job-opportunities/
QuTech (Delft / The Netherlands)	Postdoc and PhD positions in Quantum Networks	Prof. Stephanie Wehner, Prof. Ronald Hanson, Dr. Tim Taminiau, Dr. Gayane Vardoyan	S.D.C.Wehner@tudelft.nl , R.Hanson@tudelft.nl , T.H.Taminiau@tudelft.nl , G.S.Vardoyan@tudelft.nl https://qutech.nl/research-engineering/quantum-internet/
WeLinQ (Paris / France)	Quantum Hardware Engineer & Quantum Software Engineer	Dr. Tom Darras, CEO and co-founder at WeLinQ	tom.darras@welinq.fr

If you are interested in one or more positions then please feel free to reach out to the relevant contact person. An up-to-date overview of all positions offered by QIA can also be found at <https://quantum-internet.team/jobs/>

