

# Quantum Computing

Your guide to our free  
**Quantum Readiness Programme**

For organisations and companies in the UK



# Why this programme is for you

**Our free programme offers a series of seminars and tech talks that can be tailored to your needs.**

The UK Quantum Readiness Programme (QRP) is a first-of-its-kind initiative jointly delivered by technical specialists from the Networked Quantum Information Technologies Hub (NQIT) and Cambridge Quantum Computing Limited (CQC).

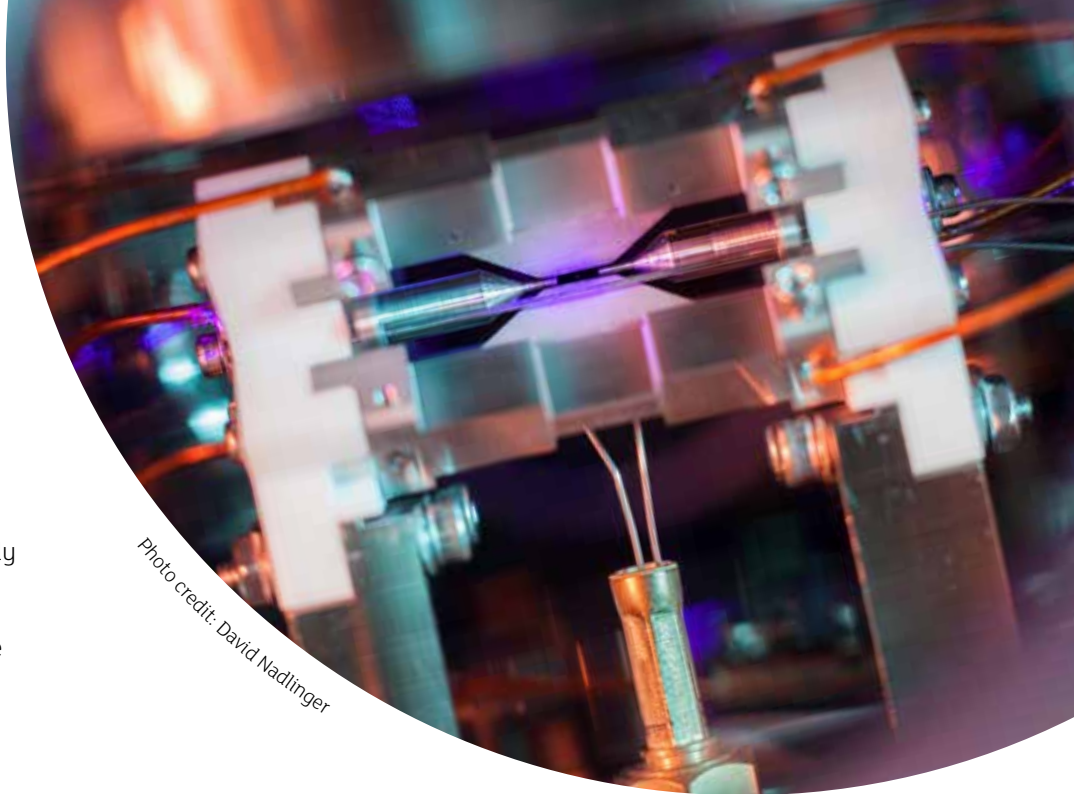


Photo credit: David Nadlinger



Photo credit: David Fisher

## Get quantum ready

This unique programme has been specifically designed to present organisations and companies in the UK with the opportunities quantum computing and associated technologies may bring. Commercial and governmental leaders will be able to answer the following key question:

***“How could quantum computing affect our sector, and how do we prepare adequately to benefit from the new paradigm in computing represented by quantum computers?”***

Comprised of a series of seminars and detailed tech talks delivered by technical specialists from NQIT and CQC, the initial phase of the QRP will be aimed at large UK organisations and corporates and those international corporations and organisations with a significant base in the UK. QRP will be delivered free of cost to participating companies and organisations at a venue of their choice, providing key insights into the opportunities presented by early adoption.

# Create your own bespoke programme

**We have created seven tech talks. You can tailor a bespoke programme to suit your needs:**

- ▷ What is quantum computing and why it matters.
- ▷ An introduction to quantum algorithms.
- ▷ Security and encryption in the quantum era.
- ▷ Quantum computers today and what we can achieve with current devices.
- ▷ Applications – how quantum computing will revolutionise simulation and modelling, optimisation and data processing.
- ▷ Quantum AI and machine learning and how quantum computers may shape and influence their evolution.
- ▷ The emerging UK quantum computing sector and the global quantum computing landscape.

**Although extensive in nature, these tech talks are not exhaustive and if you require additional subject areas, please do feel free to discuss with the QRP team.**



Photo credit: David Fisher

Find out more about our free  
Quantum Readiness Programme

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This unique programme has been developed by:

**NQIT**, the Quantum Computing Technology Hub of the UK National Quantum Technologies Programme, creating a quantum computing sector in the UK.

**Cambridge Quantum Computing (CQC)** is an independent company combining expertise in quantum information processing, quantum chemistry, quantum cryptography, Artificial Intelligence and optimisation.



[www.nqit.ox.ac.uk](http://www.nqit.ox.ac.uk)



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