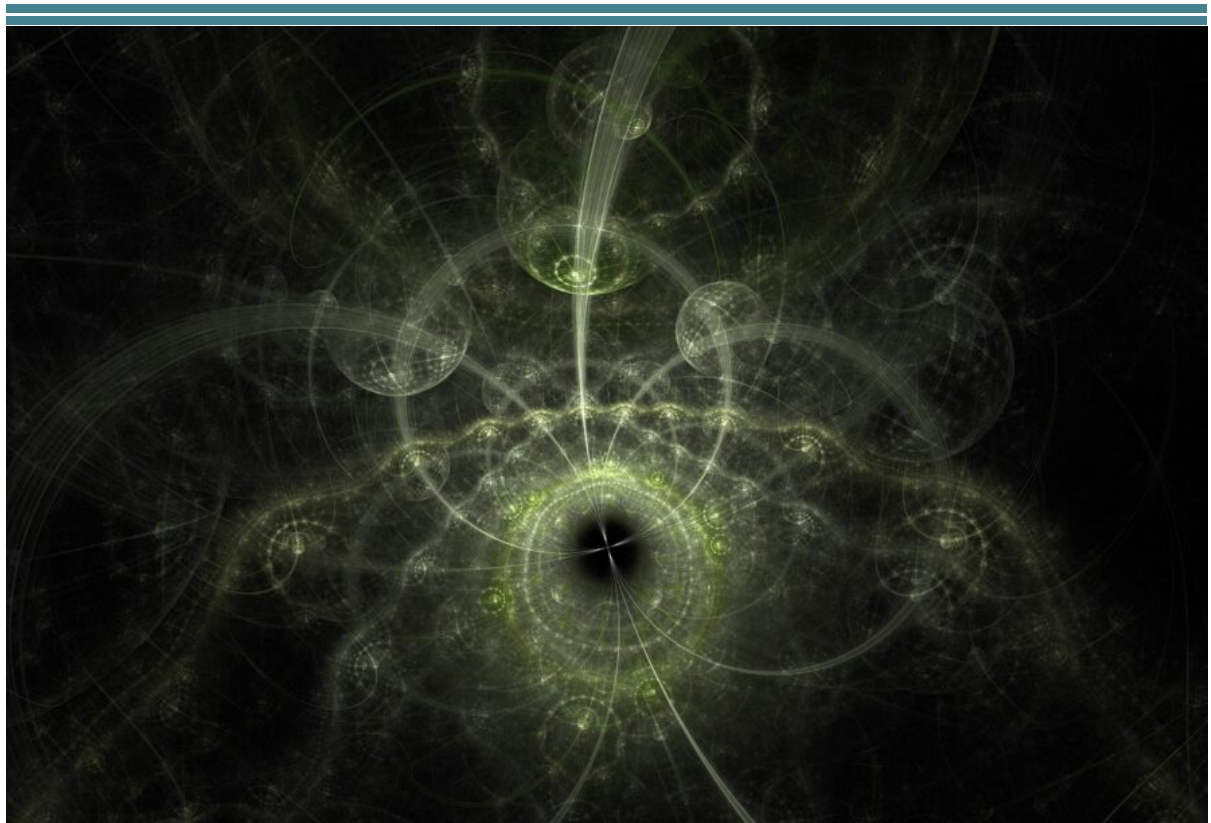


Welcome to the April edition of the Quantum Communications Hub project newsletter and happy World Quantum Day! In this issue, we are celebrating the publication of the latest national quantum strategy, announcing new funding for skills and training initiatives, list upcoming events and more!



New National Quantum Strategy launched alongside commitment of £2.5B investment

On March 15th, the UK Government published the latest [National Quantum Strategy](#), which sets out a ten-year vision and plan for quantum in the UK, committing to spend £2.5 billion to research, innovation, skills and other activities in that period, as well as committing an additional £80 million over the next two years towards key activities.

This long-term commitment builds on the successful foundation laid by the [National Quantum Technologies Programme](#) and the UK sector. The ten-year vision is for the UK to be a world leading quantum-enabled economy, building on scientific excellence and creating a thriving quantum sector to ensure that quantum technologies are an integral part of the UK's digital infrastructure and advanced manufacturing base, driving growth and helping to build a strong and resilient economy and society.

[Read More](#)



Funding for specialist STEM Ambassadors scheme aims to boost young people's skills in quantum physics

[Quantum Ambassadors](#) – which aims to engage students aged 16-19 in quantum physics in the classroom – will be expanded after [STEM Learning](#) was awarded funding from the Department for Science, Innovation & Technology (DSIT) to support the implementation and delivery of the scheme to schools across the country. Quantum Ambassadors is a comprehensive enrichment scheme of

quantum-related CPD and classroom-based activities for secondary schools. It was designed and delivered by STEM Learning, with funding provided by the EPSRC Quantum Communications Hub. The new funding is part of a major new focus to boost quantum literacy skills in the UK and contribute to the creation of a world-leading quantum 'taskforce'. The expansion was announced in the latest [national quantum strategy](#) which was published last month.

[Read More](#)

International Summer School in Quantum Technologies



Quantum technologies summer school launched for early career researchers in the UK and Canada

An international summer school to train promising early career researchers in quantum technologies has been announced by the UK's Quantum Technology (QT) Hubs. The network of QT Hubs has been awarded funding to host the school by the Engineering and Physical Sciences Research Council, part of UK Research & Innovation.

The 10-day residential event, held at the University of Birmingham in August, will train 60 of the UK's and Canada's most promising early career quantum researchers. The aim is to create opportunities for increased mobility, giving students an international perspective and providing an enhanced talent pipeline for UK academia and industry.

To find out more, [read the press release on our website](#) or [visit the School page](#).

New parliamentary inquiry launched into commercialisation of quantum technologies

Following the publication of the latest national quantum strategy last month, the Commons Science and Technology Committee announced a new inquiry on the

commercialisation potential of quantum technologies for societal and economic benefit.

The inquiry will focus on how the UK's quantum industry and prospects compare to other nations with strengths in quantum, such as the US and China, as well as the implications for national security.

MPs seek evidence on "whether the Government's 10-year vision and £2.5 billion programme for quantum is fit for purpose, as well as the further support the sector needs to commercialise quantum technologies".

The evidence submission deadline is 28 April 2023. Interested parties can participate in the submission process by visiting the [inquiry webpage](#).

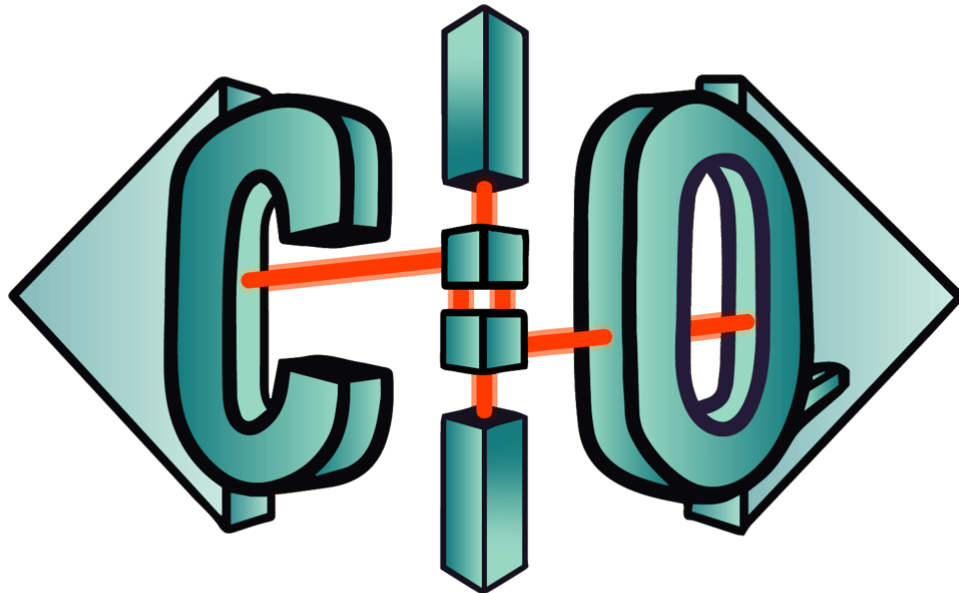


SAVE THE DATE! QNetworks 2023, Glasgow, 28-29 September

This year's QNetworks international workshop will take place on Thursday 28 and Friday 29 September at the Glasgow Science Centre. The event will be delivered in a hybrid format, with participation possible in person and online.

The workshop aims to bring together researchers from the UK's Quantum Communications Hub programme and similar initiatives across the world to discuss technological challenges and solutions for creating the next generation of quantum communication networks. This year's programme will include sessions on the perspective from industry; entanglement networking; national initiatives; and quantum communications in space.

Registration is free and will open in early May. In the meantime, keep checking our project website and social media channels for updates.



Careers in Quantum 2023 – a quantum industry careers fair!

The Quantum Communications Hub is proud to be sponsoring this year's Careers in Quantum (CIQ) jobs fair, scheduled to take place at Bristol on April 28th.

CIQ brings together professionals from industry and academia to inform and engage with students and early-stage researchers on the variety and types of careers available in the quantum industry. CIQ23 will feature panels, a networking fair and workshops, all held at the Bristol Harbour Hotel and Spa, Bristol, UK.

To find out more and register to attend free of charge, visit <https://www.careers-in-quantum.com/register>

"Missed Call" is a hit for the Quantum Shorts film festival

[Missed Call](#) has taken First Prize in the Quantum Shorts film festival! The emotive short film by director Prasanna Sellathurai tells of a physics student grappling with his father's health crisis.

Missed Call was one of two winners selected by Quantum Shorts judges Ágnes Mócsy, Alex Winter, Honor Harger, Jamie Lochhead, José Ignacio Latorre and Neal Hartman from a shortlist of nine quantum-inspired films. *THE observer* was selected as Runner Up. A public vote on the shortlist picked *The Human Game* for the People's Choice Prize, rounding out the top three films in the festival.

The Quantum Shorts film festival is organised by the Centre for Quantum Technologies in Singapore with media partners [Scientific American](#) and [Nature](#), and scientific partners, the [ARC Centre of Excellence for Engineered Quantum Systems](#); the [Dodd-Walls Centre for Photonic and Quantum Technologies](#); the [Institute for Quantum Computing at the University of Waterloo](#), Canada; the [Institute for Quantum Information and Matter at Caltech](#); [QuTech](#); and the [UK National Quantum Technologies Programme](#) via [Quantum City](#).



Events

[Quantum Tech Boston 2023](#), Boston, Massachusetts, 24-26 April

[Bristol Quantum Information Technologies Workshop](#), Bristol, 24-27 April

[Q2B 2023](#), Paris, 3-4 May

[6th Annual Scylight Conference](#) - Quantum Internet, Athens, 15-16 May

[Commercialising Quantum](#), London, 17-18 May

[QCrypt 2023](#), Maryland, 14-18 August

[Quantum.Tech](#), London, 18-20 September

6th ESA Quantum Technology conference, Matera, Italy, 19-21 September

[Quantum World Congress](#), Washington, 26-28 September

QNetworks23 international workshop, Glasgow, 28-29 September

[ECOC 2023](#), Glasgow, 1-5 October

NATO Research Symposium on Quantum Technology for Defence & Security,
Amsterdam, 3-4 October

[Photonex 2023](#), Glasgow, 24-26 October

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