

Hi there, happy new year and welcome to the EPSRC Quantum Communications Hub Quarterly Newsletter. Here you can keep up to date with the latest news, events and opportunities associated with the Hub!

In this edition you can read about our upcoming QNetworks 2022 international workshop, a spotlight on one of our industrial partners, opportunities to collaborate with us and much more.

Register to attend QNetworks 2022

We are pleased to announce that registration is now open for the second QNetworks international workshop, organised by the Quantum Communications Hub. QNetworks 2022 will take place on 11 & 12 April 2022, in a hybrid format, with attendees able to join in-person in Cambridge and virtually.

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.

Sessions will focus on perspective from industry, quantum networks, QKD and entanglement-based approaches, and devices.

Confirmed speakers include:

- Qixiang Cheng, University of Cambridge, UK
- Roger Colbeck, University of York, UK
- Helmut Griesser, ADVA
- Liang Jiang, University of Chicago, USA
- Marco Lucamarini, University of York, UK
- Vicente Martín, Polytechnic University of Madrid, Spain
- Carmen Palacios-Berraquero, Nu Quantum
- Momtchil Peev, Huawei
- Maria Spiropulu, Caltech, USA
- Mark Thompson, PsiQuantum
- Wolfgang Tittel, QuTech, TU Delft, Netherlands

We look forward to seeing you there!

[Visit the event page and register to attend](#)

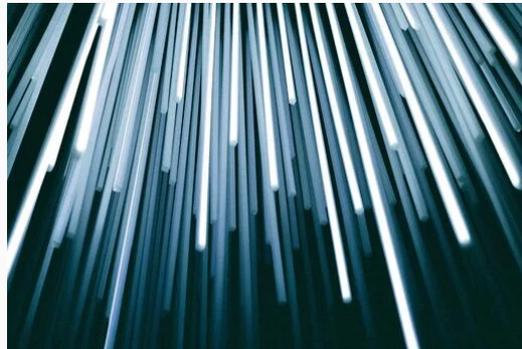


Networks Workshop 2022

UK National Quantum Technologies Showcase 2021

The Showcase took place in person at the Business Design Centre, London, on 5 November 2021. It was great to have four Hub stands showcasing our progress across the last year and to meet up with colleagues from across the quantum landscape in person. You can read more about the event and the Hub's exhibits on our website. Make sure to save the date for the 2022 Showcase taking place on Friday 11 November 2022 at the QEII Centre in London. We hope to see you there!

[Find out more about the event](#)



ISCF Commercialising Quantum Technologies: feasibility studies round 3 open for applications

Innovate UK has recently launched a new call for applications to its ISCF Commercialising Quantum Technologies Challenge. The call welcomes applications for feasibility study projects of up to £500,000 in total cost.

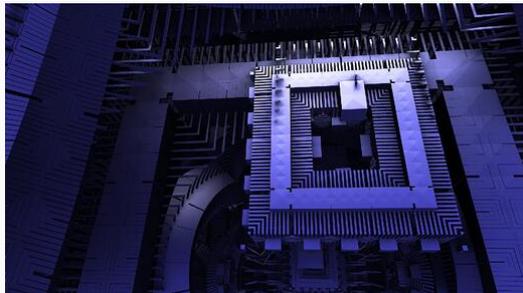
Competition closes: 9/3/22 11:00am

[Find out more](#)

New White Paper released: The future of NCSC Technology Assurance

The National Cyber Security Centre (NCSC) have recently released a [White Paper](#) outlining a new approach to technology assurance and plans for its implementation. During 2022, the Quantum Communications Hub will be considering the implications of this new approach for the quantum communications sector, and the applications of the principles to the assurance of quantum communications technologies and systems in the future.

[Find out more](#)



US Government Accountability Office (GAO) releases report on status of Quantum Computing and Communications

A [report](#), which examines in detail the status and prospects of Quantum Computing and Quantum Communications Technologies and proposes a number of options for future government policy, has been released by the US GAO.

[Find out more](#)

UKRI welcomes input on draft equality, diversity and inclusion strategy

UKRI recently launched a consultation on a [draft equality, diversity and inclusion strategy](#) and welcomes input from anyone interested or involved in research and innovation. You can take part in the consultation via the link below.

[Take part](#)



**UK Research
and Innovation**

Spotlight on: Hub partner Craft Prospect

[Craft Prospect](#) is a space engineering company looking to harness new approaches to support the emergence of Quantum Key Distribution from space. They have been a partner of the Quantum Communications Hub since 2017 and have worked on a number of Hub partnership resource funded projects. Find out more about Craft Prospect and their partnership with the Hub in the video below.



[Read more about our partnership](#)

Work with us!

The Quantum Communications Hub welcomes enquiries about potential collaboration from those with interests closely aligned to our work. A number of options are available, including:

- Co-funded feasibility studies;
- Partnership in Industrial Strategy Challenge Fund proposals;

- Involvement in other externally funded schemes, both national and international in scope.

If you'd like to find out more about collaboration opportunities, visit [our website](#) or contact us via enquiries@quantumcommshub.net



Events

[New Scientist Live North](#), 12-14 March 2022 - Exchange Hall, Manchester

[QNetworks 2022](#), 11-12 April 2022, Cambridge and online

Other Events of Interest

[Telecommunications, Optics & Photonics \(TOP\) Conference](#), 14-15 February 2022, London

[Quantum Business Europe](#), 23-24 March 2022, online

[SPIE Quantum Technologies 2022](#), 3-7 April 2022, Strasbourg France

[World Quantum Day](#), 14 April 2022, online

[BQIT 2022](#), 25-28 April 2022, online

[Quantum.Tech](#), 14-15 June 2022, Boston

[Optica Quantum 2.0 2022 Conference and Exhibition](#), 13-16 June 2022, Massachusetts and online

[International Conference on Quantum Communication, Measurement and Computing \(QCMC\)](#), 11-15 July 2022, Lisbon

QCrypt 2022, 29 August - 2 September 2022, Academia Sinica, Taipei, Taiwan

[Photon 2022](#), 30 August - 2 September 2022, Nottingham

[Quantum.Tech](#) 19-21 September 2022, Twickenham

UK National Quantum Technologies Showcase 2022, 11 November 2022, London

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