



Welcome to the EPSRC Quantum Communications Hub Newsletter!



Hi there, 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 how Hub researchers have demonstrated a quantum secured conference call, a report recently published jointly by the Hub and NCSC and about some new and exciting projects being funded by the Hub. There's also a round up of many forthcoming events in quantum to look forward to!

Quantum holds the key to secure conference calls

Find out how Quantum Communications Hub researchers and their German colleagues enabled a quantum-secure conversation to take place between four parties simultaneously, bringing the world one step closer to ultimately secure conference calls.

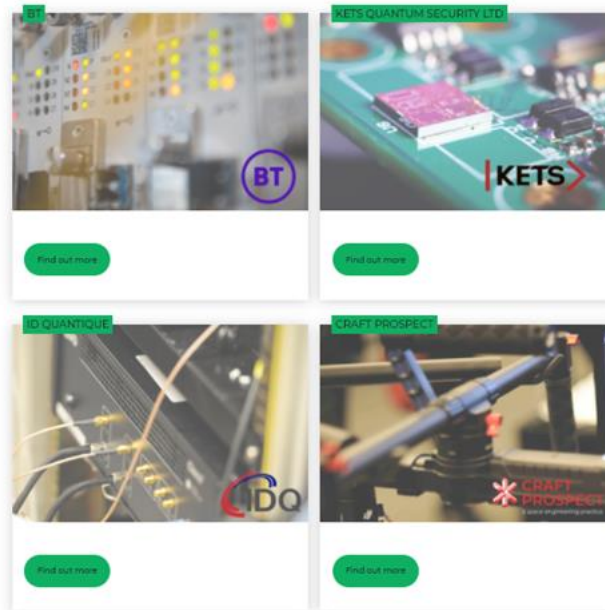
[Find out more](#)



Industrial Collaborations Case Studies

Industrial partnerships are central to the work of the Quantum Communications Hub. We have recently launched a series of case studies highlighting some of our partnerships. Visit the Hub website to read them and find out more about some of our collaborations with leading companies and start-ups.

[Read the case studies](#)



Report published following joint NCSC & Quantum Communications Hub workshop on Quantum Communications and Cyber Security

A report has been published following a two-day virtual workshop on quantum communications and cyber security organised jointly by the [National Cyber Security Centre \(NCSC\)](#) and Quantum Communications Hub. The workshop brought together the classical cryptography, security and quantum communities to consider the scope for quantum communications within the wider cyber security landscape and framework.

[Read the report](#)



National Cyber
Security Centre

a part of GCHQ

Exploring new quantum-safe approaches for secure user identification

A collaborative project that will develop new quantum approaches for secure user identification has been awarded funding from the Quantum Communications Hub's Partnership Resource Fund.

[Find out more](#)



Enabling quantum secure communications from the stratosphere

A new project that will demonstrate quantum secured communications from the stratosphere has been awarded Partnership Resource funding by the Quantum Communications Hub.

[Find out more](#)



EPSRC Quantum Technology Career Development Fellowships

EPSRC are launching career development fellowships to enable those in postdoctoral positions to transition towards leading an independent research group. Applicants should hold a postdoctoral position (or have equivalent experience if not currently in an academic setting) and be working in the quantum technology sector.

[Find out more](#)

Events

NQCC: Quantum TownTalks

8 July 2021, online

The National Quantum Computing Centre (NQCC) will hold a series of Town Hall Talks to engage with the community on a regular basis. The first of these talks is being held on 8 July 2021, 10am - 3pm and will include an update on progress of the NQCC's programme, a Q&A session and a panel discussion.

[Find out more](#)



QCrypt 2021

23 - 27 August 2021, online

QCrypt 2021 is the 11th edition of the yearly international scientific conference presenting last year's top results in quantum cryptography. The conference will take place online again this year.

[Find out more](#)



SPIE Security + Defence 2021

13 - 16 September 2021, Madrid

This event crosses the divide between fundamental optical science and the application of the underpinning technologies in advanced defence and security systems. The symposium will offer twelve [conference topics](#) including Emerging Technologies, Quantum Technologies and Quantum Information Science.

[Find out more](#)

SPIE. SECURITY+ DEFENCE

SPIE Photonex + Vacuum Technologies

28 - 30 September 2021, Glasgow

Join academics, scientists and engineers sharing the latest research in photonics, biophotonics, quantum technologies, hyperspectral imaging, lasers, optical technologies, nanotechnology, vacuum equipment and in-vacuum technologies.

[Find out more](#)

SPIE.

UK National Quantum Technologies Showcase 2021!

5 November 2021

Make sure to save the date for the UK National Quantum Technologies Showcase 2021. The Showcase will highlight the expertise, capabilities and advances of quantum technologies in the UK that take place during 2021. We look forward to seeing you there!



New Scientist Live North

28 - 30 January 2022 - Exchange Hall, Manchester

The Hub (as part of Quantum City) will be attending New Scientist Live North, in Manchester, from 28 - 30 January 2022, this is a new date as the 2021 event had to be postponed due to the Covid-19 pandemic.

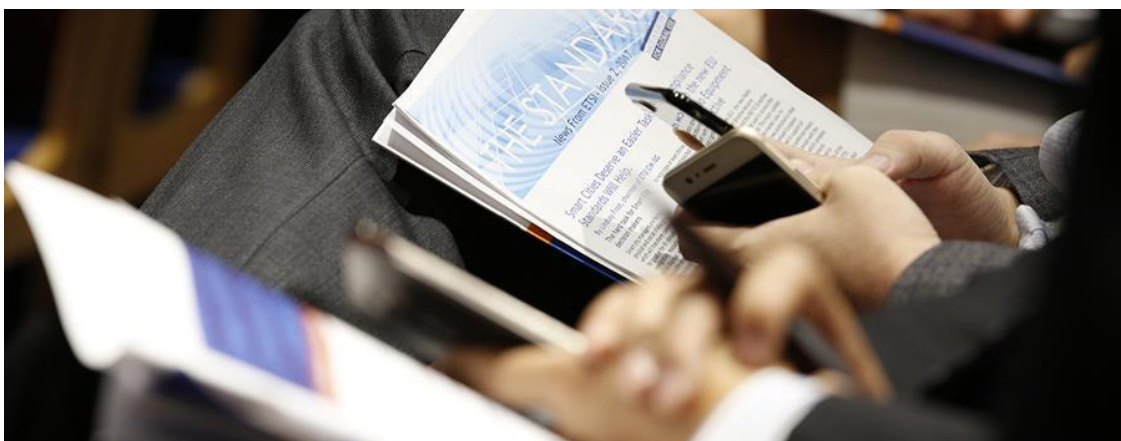


Work with us!

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.





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