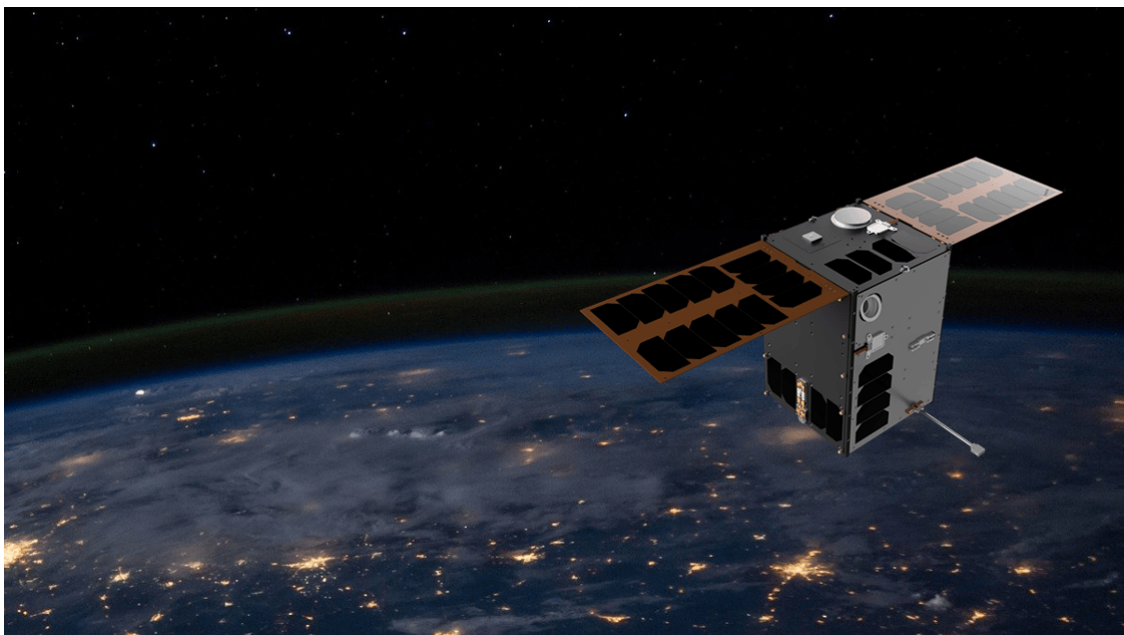
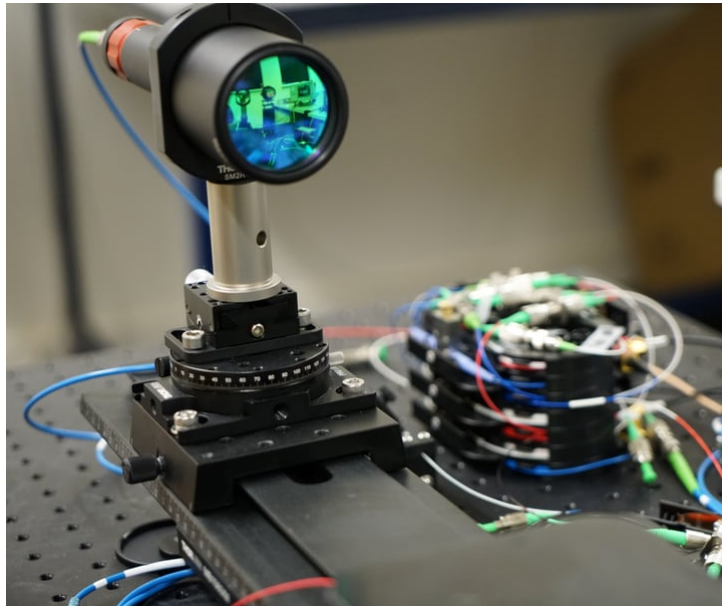


Welcome to the November edition of the Quantum Communications Hub project newsletter. It's been a while! In this issue, you can read about upcoming events, Hub initiatives, national programme news and more!

New round of Partnership Resource Funding now open

We have opened yet another round of partnership resource! This scheme is aimed at supporting new collaborations, closely aligned with the work of the Hub, and new capabilities. The deadline for submissions is midday on January 10th, 2023 and the guidelines as well as examples of previously successful proposals can be accessed in the [relevant website section](#).



Quantum Communications Hub Satellite R&D Mission Awarded to ISISPACE

The Quantum Communications Hub has selected ISISPACE as the provider of satellite systems and services in support of the Hub's In Orbit Demonstration (IOD) of satellite quantum key distribution (QKD). The IOD will be the culmination of a core Hub development programme of UK science and technology around quantum secure communication between satellite and the ground.

[Read More](#)



Hub developed quantum technologies demonstrated at this year's national showcase

The 11th of November marked the date when the UK quantum community assembled once again at a familiar venue – the QEII Conference Centre at Westminster, London – for this year's showcase, the flagship event in the national quantum technologies programme calendar.

The showcase aims to highlight progress in the development of various quantum technologies projects and initiatives funded by the national programme, and this year's event marked a real milestone with over 60 exhibits, a full programme of talks and more than 1000 delegates. Organised by Innovate UK's KTN with input from EPSRC, the showcase included an opening address by Science Minister George Freeman MP, who said the government was on a "mission to make the UK a science superpower" and announced a new 'global investment programme' focusing on three key technology areas: quantum technologies, life sciences and space.

The Quantum Communications Hub participated as a gold sponsor exhibitor with a big stand showcasing a number of our technologies across various work themes.

[Read More](#)

Quantum Shorts returns with a new call for films

Since 2012, [Quantum Shorts](#) has launched annual calls for creative quantum works of film and short stories. Now the international contest is back. Until 5 December, Quantum Shorts is accepting short films that tell a quantum story in five minutes. The contest is free to enter and offers prizes of up to USD1500.

The competition is organised annually by the Centre for Quantum Technologies in Singapore (CQT) with the support of media partners Scientific American and Nature, and scientific partners that are renowned quantum research institutes and/or initiatives such as the UK National Quantum Technologies Programme, represented by Quantum City. Up to ten films will be selected to win prizes and be shown at international screenings. Filmmakers keen to enter the festival can find on the [website](#) a full set of rules and guidelines.

Quantum Shorts is accepting submissions through the festival platform FilmFreeway. **Submissions close at 23:59 GMT on 5 December 2022.**





The IoP publishes new report into quantum technologies

The Institute of Physics has published a new report ([*A vision for Quantum Technologies in the UK*](#)) to support the upcoming new national quantum strategy, soon to be published by BEIS. The report calls for bold action to support the acceleration of growth in the quantum sector and includes 10 recommendations.



Quantum communications outreach at New Scientist Live London! (Or We are Tik Tok famous - at last!)

Our Hub participated in the [New Scientist Live London science festival](#) (ExCeL, 7-9 October) as part the Quantum City exhibition stand. A number of interactive demonstrators were provided by our colleagues at the University of Sheffield, designed to explain to visitors how we communicate using light, the phenomenon of quantum interference of photons, and what we mean by single photon detectors. Other exhibits were provided by the Universities of Birmingham and Nottingham, UCL, and the National Physical Laboratory - all introducing visitors to quantum technologies and their many applications. The stand was visited by nearly 3000 people over three days (including over 700 school children on the Friday) and feedback was hugely positive. [Sheffield's demonstrator on the quantum interference of photons was featured on the NSLive Tik Tok channel](#) and to date it has been viewed more than 1.5M times making it the most popular video featured on their channel ever!

Events

[International Symposium on Quantum Science, Technology, and Innovation](#)

(Quantum Innovation) 2022, 28-30 November, (online with all presentations in English)

[SPIE Photonex](#) & associated conferences including [Quantum Technology: Driving Commercialisation of an Enabling Science II](#), 6-8 December 2022, Birmingham

[SPIE Photonics West](#), 28 January - 2 February, San Francisco

[Quantum Technologies for Fundamental Physics Engagement Event](#), 2-3 February 2023, Warwick

[Telecommunications, Optics & Photonics](#) Conference, 13-14 February 2023, London

[9th ETSI/IQC Quantum Safe Cryptography workshop](#), 13-15 February 2023, Sophia Antipolis

If this email was forwarded to you, please sign up to receive our newsletter via [this form](#).

To Unsubscribe, click on the relevant option through [this link](#).



Quantum Communications Hub, Information Centre, Market Square, (Department of Physics), University of York, York, North Yorkshire, YO10 5DD

[Unsubscribe](#) [Manage preferences](#)

Send free email today

HubSpot