

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 our upcoming QNetworks 2022 workshop, opportunities for collaboration, a Hub funded project which aims to expand the global quantum network and more!

Register to attend QNetworks 2022

The [programme for the QNetworks](#) international workshop, organised by the Quantum Communications Hub, has been released. 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.

We look forward to seeing you there!

Visit the event page and register to attend



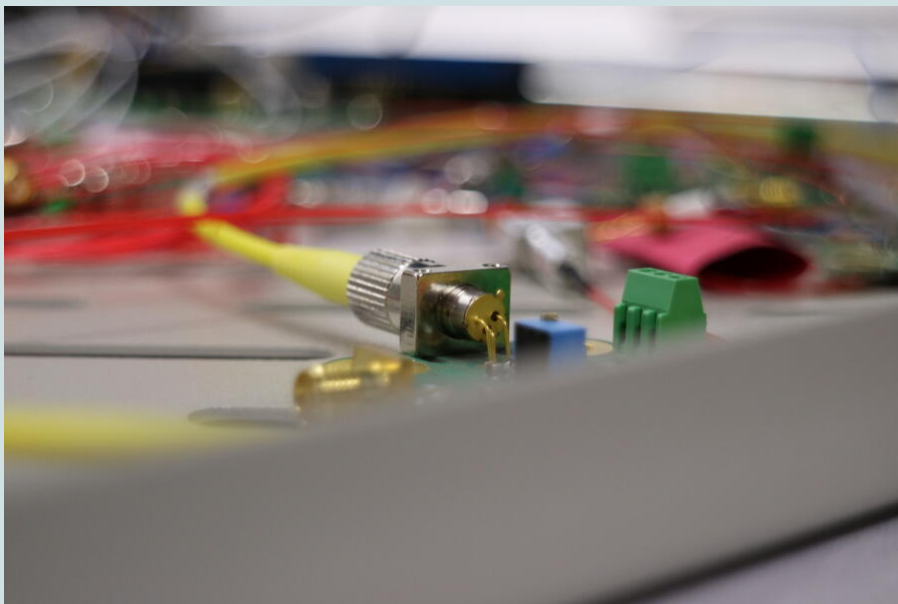
Networks Workshop 2022

Hub Partnership Resource Fund still open for applications!

The Hub's Partnership Resource Fund, which aims to support new collaborations that are closely aligned with the work of the Hub, is currently open for applications. Further information including the scope of the fund can be found on the Hub website.

Deadline: 12pm, Wednesday 20 April 2022.

[Find out more](#)



UK-Canada research partnership aims to expand global quantum network

A new collaborative project between the UK and Canada, that has been awarded funding from the Quantum Communications Hub, will establish a key satellite link for quantum communication across the Atlantic. The project, led by Heriot-Watt University, and involving researchers at the University of Waterloo, Canada, will allow connections from UK-based ground stations to the Canadian [Quantum Encryption and Science Satellite \(QEYSSat\)](#) using a new high-rate entangled photon source.

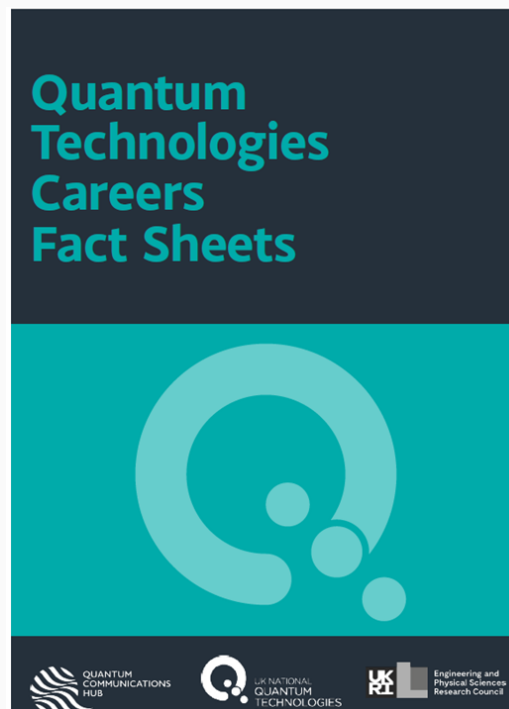
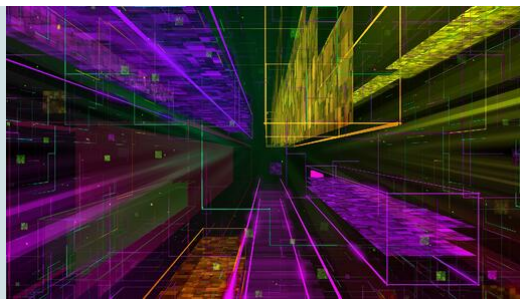
[Find out more](#)



EPSRC Quantum Technologies Workshop

The EPSRC will be holding a Quantum Technologies workshop on 10 May 2022 with the aim of bringing the quantum technologies and engineering communities together. This workshop aims to explore and assess the current state of the research and industrial landscape at this interface between the quantum technologies and engineering communities and highlight how best the community can be supported to deliver positive impact across various sectors and the UK R&D landscape. The workshop will take place in Manchester & online.

[Find out more](#)



Careers in quantum fact sheets

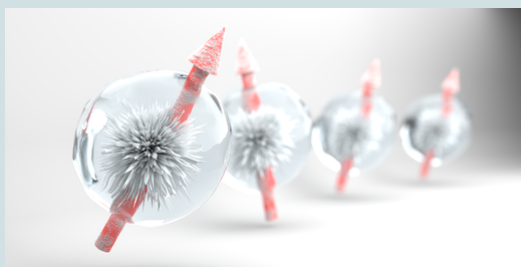
The Hub has published a series of fact sheets on careers in the field of quantum technologies. These aim to highlight a variety of roles within the field of quantum and the skills, experience and qualifications that would be useful to someone considering the roles, with accompanying case studies of people actually doing these types of jobs at the moment.

[Find out more](#)

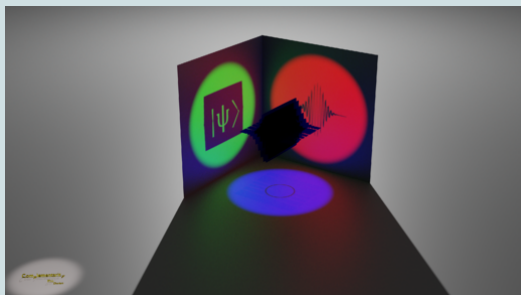
Artwork of dreams wins first prize in Quantum Visions competition

A panel of judges selected a winner and two runners-up for Quantum City's quantum-inspired art competition, Quantum Visions. The winning piece, *A Brumal Coherence Dream* (opposite), was designed by Carlos Sánchez Muñoz, a theoretical quantum physicist at the Universidad Autónoma de Madrid. Runners-up were Phil Dolan, a theoretical physicist at NPL, and Lucie Gourmet, PhD student at UCL, for their entries titled *Complementarity* and *If I Fits, I Sits*, respectively. You can read more about the pieces of artwork, including what inspired each of the artists, on the Hub website.

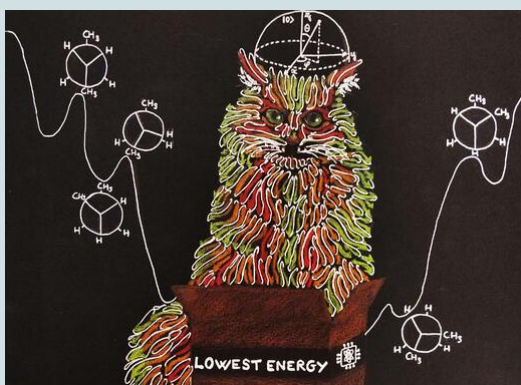
Find out more



A Brumal Coherence Dream by Carlos Sánchez Muñoz



Complementarity by Phil Dolan



If I Fits, I Sits by Lucie Gourmet

Spotlight on: Hub partner ID Quantique

[ID Quantique](#), a spin out of the Group of Applied Physics at the University of Geneva, established in 2001, is now a world leading company in the fields of quantum-safe cryptography and quantum sensing, developing products aimed at future-proof data security. They have been a major collaborator of the Hub, both on partnership resource projects and as a supplier, since the start of Phase 1 of the UK National Quantum Technologies Programme. Find out more about ID Quantique and their partnership with the Hub in the video below.



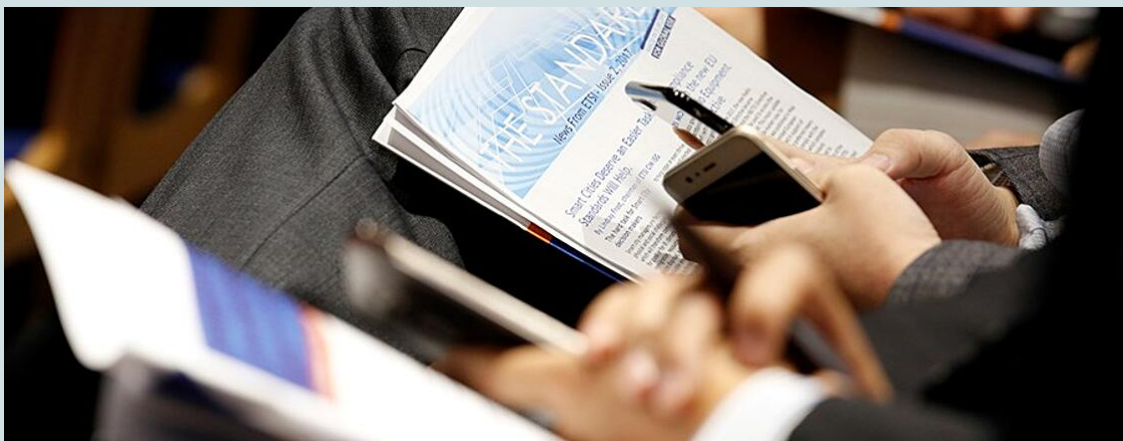
[Read more about our partnership](#)

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;
- Involvement in 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

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

Other Events of Interest

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

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

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

[EPSRC Quantum Technologies workshop](#), 10 May 2022, Manchester & 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

[European Conference on Optical Communication \(ECOC\)](#), 18-22 September, Basel

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

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

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