

The National Quantum Technologies Showcase 2019 – Briefing for potential exhibitors

2019 Showcase

The National Quantum Technologies Showcase 2019 will be the fifth national event of its kind in London showcasing the latest developments in quantum technology in the UK. It will be a great opportunity for exhibitors to showcase their research, innovation activities and products to a large industry and government audience.

Aim of this Year's Showcase

The 2019 Showcase will continue to build on the success of previous years recognising and demonstrating the breadth of current investments and activities undertaken as part of the National Programme and the growing commercialisation of quantum technologies in the UK.

It will demonstrate how the Programme is delivering the strategy and vision identified in the National Strategy for quantum technologies.

“The vision is to create a coherent government, industry and academic quantum technology community that gives the UK a world-leading position in the emerging multi-billion-pound new quantum technology markets, and to substantially enhance the value of some of the biggest UK-based industries.

The vision is not only to grow and develop a quantum technologies industry, but to ensure it remains strongly rooted in the UK and delivers long-term benefits to society as a whole. “

Who can exhibit?

Exhibits are encouraged from those funded by any of the partners¹ as part of the National Quantum Technologies Programme.

And, for the first year, exhibiting at the Showcase will not be limited to those funded by the National Programme Partners. The application process will be open to companies that are selling off-the-shelf quantum technology products and services and also those in the supply chain (quantum products or non-quantum) supporting quantum technologies development.

Exhibit requirements:

This year's showcase will demonstrate how the research and technology being developed as part of the National Quantum Technologies Programme is having or will have an impact across a range of sectors, whilst demonstrating that commercialisation of quantum technologies in the UK is underway and growing in a range of sectors.

It is a requirement for each exhibit to demonstrate:

- Its potential for disruptive impact in at least one sector; **and**
- How the technology compares to the currently available technology **or** how it provides new solutions to existing problems.

The target audience for this event is Industry and Government, with a view to building new collaborations; finding potential end users or industry investment; and to help to make the case for continued funding of quantum technologies and the National Programme in the UK.

¹ UKRI – EPSRC and Innovate UK; Dstl; NPL; GCHQ; KTN; BEIS

Exhibition layout

Exhibits will be grouped in the exhibition by industry sectors. These will focus on the end user and the technology applications in the real world.

Each exhibit will be allocated a 2 metre by 2 metre floor space free of charge, with a table (measuring 140cm long by 70cm wide by 74cm high) and one plug socket included. There is no shell scheme so exhibitors will have to bring anything else that they require. Exhibit spaces will be back-to-back and side-to-side with other exhibits and it is therefore essential that you can fit your whole exhibit, the exhibitors and a visitor or two to your stand within that space.

If you require a larger exhibit space, this can be purchased, with the costs (inclusive of VAT) as follows:

- 2 metre by 2 metre exhibit space - free of charge
- 2 metre by 4 metre exhibit space - £1000 charge
- 3 metre by 3 metre exhibit space - £1000 charge
- 4 metre by 4 metre exhibit space - £2000 charge

To request a larger space this must be done at the expression of interest stage via the smart survey, larger spaces cannot be accommodated once the exhibit invitations have been sent as exhibits will have been allocated a specific space by that stage.

All exhibits will have to be placed in one sector, with the following exception:

- Companies that have products in multiple sectors can have an exhibit independent of the sectors, but in order to be eligible for this, the company must evidence that they have pre-existing customers purchasing their product in more than one sector. Companies that wish to exhibit across sectors will be required to produce and display one banner that identifies the sectors of relevance to their products using the Showcase sector colours so that people can clearly see which sectors are represented.

For those exhibits that have relevance to more than one sector but do not fit the above exception, the exhibit will be placed in the sector of your choice; you will also be offered the flexibility to bring marketing material and provide information on relevance to other sectors (again to fit within the space limitations as described above). In your narrative for the exhibit brochure for the day you must capture how your exhibit connects to the sector it is part of on the day, whilst also outlining what broader range of sectors it maps to.

End User Sectors

Some initial sectors have been outlined below, however, in order to demonstrate the broad range of relevant sectors, additional ones can be proposed by exhibitors during the expression of interest stage.

- Smart Cities (covers logistics, environmental monitoring)
- Healthcare Technology (covers Big data/ "data lakes" applied to medical records, medical instrumentation, Drug discovery, Medical imaging)
- The Quantum Economy (covers supply chain, components, scientific instrumentation, precision manufacturing, photonics, lasers, service providers)
- Finance
- Communications & Future Networks
- Space (covers Satellite Data, Astronomy, Space Communications)
- Defence and Security
- Civil Engineering
- Oil and Gas
- Aerospace

- Agriculture
- Internet of Things
- Energy
- Transport (covers autonomous vehicles, rail, shipping)
- Navigation
- Other (please describe)

Process for selecting exhibitors

Stage 1: Expression of interest (deadline 19 June 2019)

Expressions of interest are sought for quantum technology exhibits that can demonstrate that they meet the exhibit requirements.

The expression of interest stage runs 1 May 2019 until 19 June 2019 and must be submitted using the smart survey Exhibition expression of interest form at <https://www.smartsurvey.co.uk/s/QTEOI19/>

Whilst preparing your expression of interest, please liaise with the most appropriate contact below:

QuantIC related exhibits – Peter Chua Peter.Chua@glasgow.ac.uk

Quantum Communications Hub related exhibits – Georgia Mortzou georgia.mortzou@york.ac.uk

Quantum Sensing and Metrology Hub related exhibits – Danann Swanton D.Swanton@bham.ac.uk

NQIT related exhibits – Julia Flynn julia.flynn@physics.ox.ac.uk

NPL related exhibits – Jenny Watkin jenny.watkin@npl.co.uk

For Innovate UK related exhibits you can contact Simon Plant simon.plant@innovateuk.ukri.org

Any other EPSRC Quantum Technology investments – Amanda Howes Amanda.Howes@epsrc.ukri.org

For Dstl investments – Amanda Howes Amanda.Howes@epsrc.ukri.org

General enquires – Amanda Howes Amanda.Howes@epsrc.ukri.org

Stage 2: Shortlisting of expressions of interest

Exhibits will be selected that meet the exhibit requirements detailed in this briefing. Where there are more expressions of interest than exhibit spaces available, shortlisting will take into consideration the following:

- Ensuring a broad range of sectors covered.
- Exhibits cover a range of investments across the funding partners
- Exhibits include a range of products and services already on the market
- Ensuring a mixture of academic and industry led exhibits from across the range of research and innovation activities

Stage 3: Exhibitor invitations

Invitations to exhibit will be sent to the shortlisted exhibitors by early July 2019. The invitation will provide a link to a smart survey form which will request further details including the exhibit description to be included in the event programme and the names of the exhibitors who will be on the stand on the day. Please note only three exhibitors will be allowed per exhibit. All exhibitors will be required to spend time on their stand.

Things to note:

- Exhibitors will be responsible for meeting their technical requirements. Each exhibitor will be provided with a table and access to a plug socket.
- Each exhibit will have a maximum footprint of 2 metres squared (unless a bigger space has been purchased). The table within this space will measure 140cm long by 70cm wide by 74cm high. The exhibit footprint needs to allow space for all aspects of the exhibit, the exhibitor(s) and one or two visitors to the exhibit. If your exhibit is bigger than this, you will need to request to purchase a larger space when submitting your exhibitors expression of interest form.
- Within the venue, there are areas with height restrictions. If your exhibit is going to be more than 2 metres tall, you need to note this on the expression of interest.
- Set up for the event will be from 21:00 until midnight on Thursday 14 November 2019. By submitting an expression of interest you are agreeing that your exhibit will be set up during that time.