

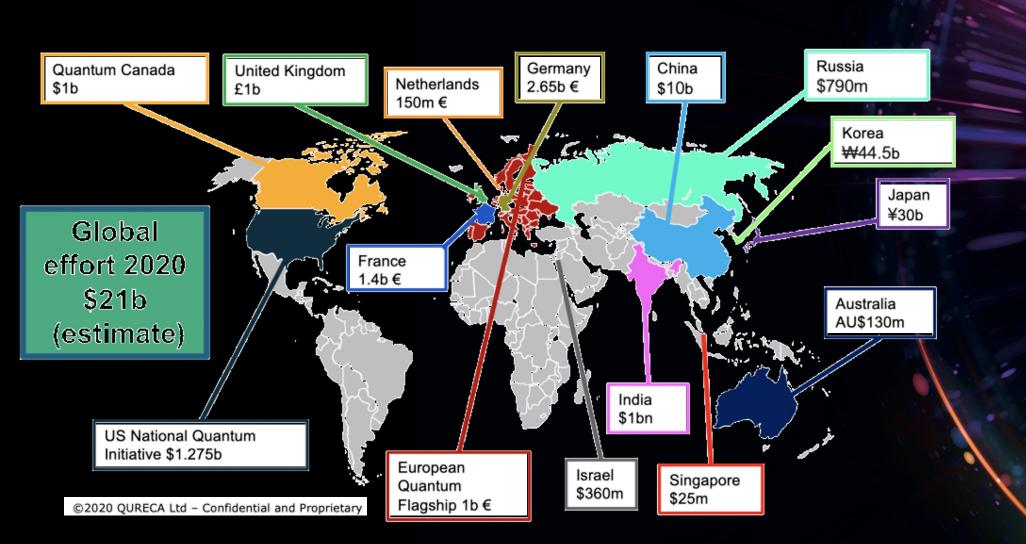
THE CENTRE FOR QUANTUM TECHNOLOGY



Dr Sara Diegoli
Associate Director for Strategy
Centre for Quantum Technology, University of Glasgow
Director of QuantIC, the UK Hub in Quantum Imaging



Global Landscape for Quantum Technology





UK National Quantum Technology Programme UK-NQTP





The UK Quantum Technology Hul in Quantum Enhanced Imaging









- Established in 2014 with a 10- years strategic outlook
- £1b investment so far:
 - 4 UK Quantum Technology Hubs
 - QT Fellowships
 - Innovate UK QT programme
 - Industrial Strategy Challenge Fund
 - Skills: (CDTs and Skills Hubs)
 - Infrastructure: UKRI National Quantum Computing Centre



















Innovation Stems from Excellent Research

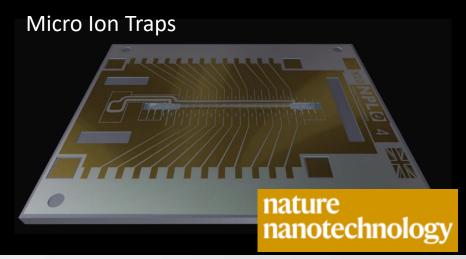
- The Centre for Quantum Technology is a cornerstone of the UK National Quantum Technology Programme.
 - One of the largest UKRI quantum technology portfolio in the UK
 - The Centre contributes to all Hubs in the National Quantum Technology Programme
 - Leadership of QuantIC (£50m) and contributions to all four UK Quantum Technology Hub and the National Quantum Computing Centre
 - Cutting edge facilities for fabrication in the James Watt Nanofabrication Centre and Kelvin Nanotechnology

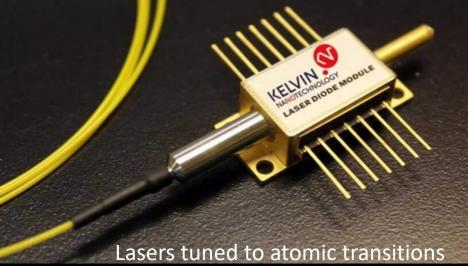


Quantum foundry and system integration













Our Research and Innovation Areas



Quantum computing

→ Find out more



Quantum enhanced imaging

→ Find out more



Quantum communications

→ Find out more



Quantum sensors and timing

→ Find out more



Quantum foundry and system integration

→ Find out more

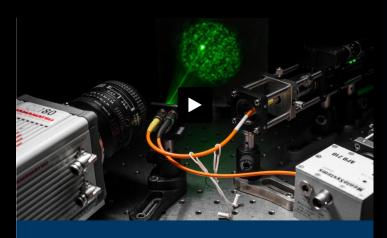


Fundamentals of quantum science and algorithm development

→ Find out more



www.gla.ac.uk/quantumtech



Quantum 3D Endoscope





James Watt Nanofabrication Centre



Ge on Si Single Photon Avalanche Detectors (SPADs)





Quantum Sensors and Timing



Thank you

www.gla.ac.uk/quantumtech



