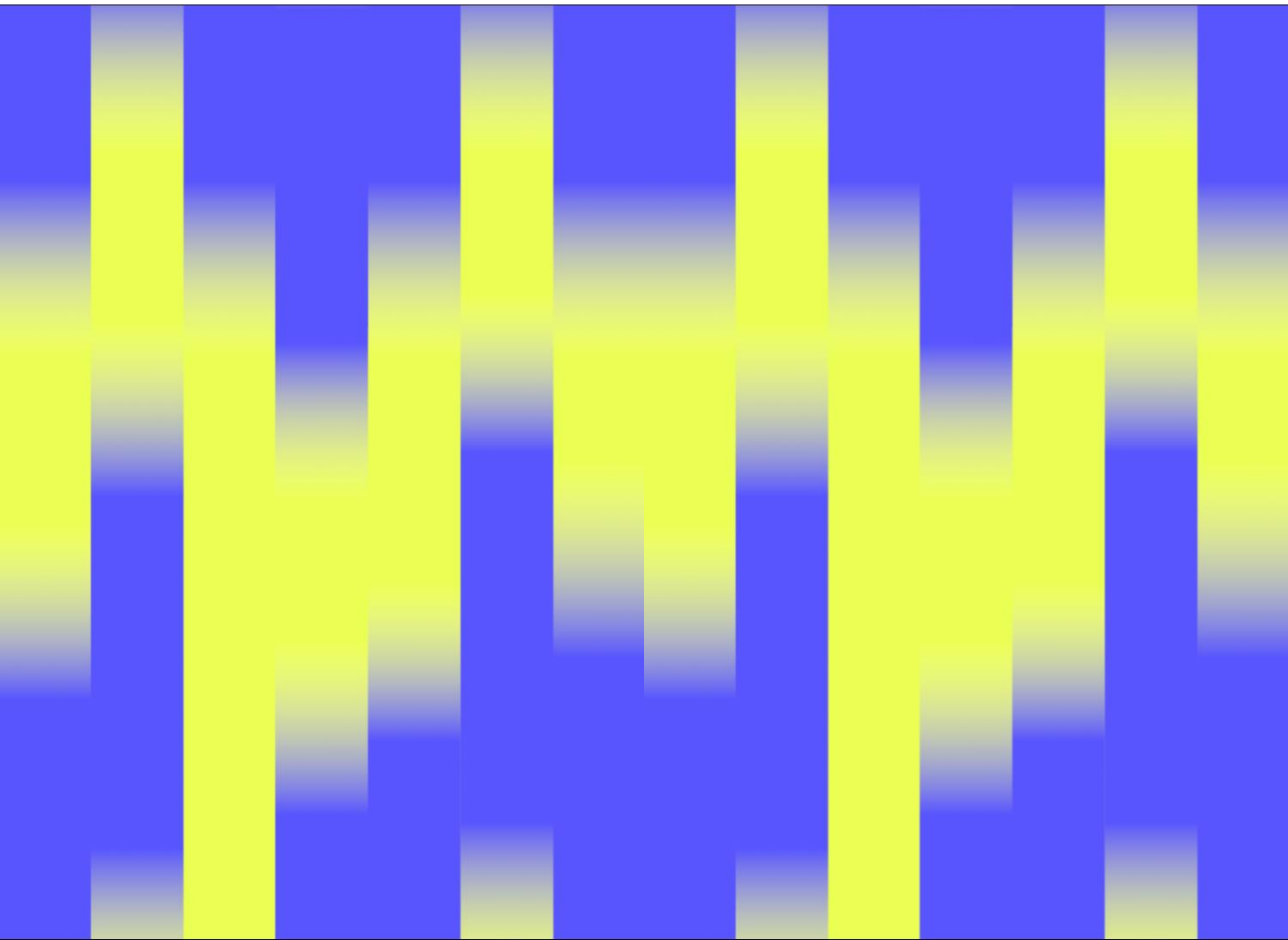
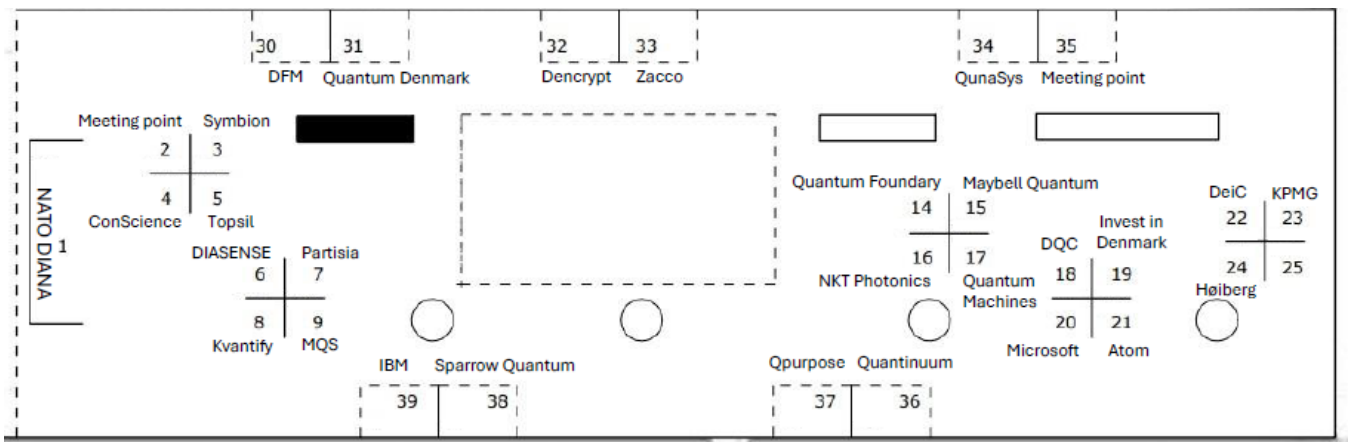
Quantum Industry Day 2025

Official exhibition overview

May 28th 2025



Exhibition area



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Exhibitors

Partisia

At **Partisia** we're pioneering digital trust for today's data-sensitive world. Imagine seamless collaboration, breakthrough innovation, and a real competitive edge - all achieved without ever compromising your valuable data. Our advanced Multi-Party Computation (MPC) technology, a cornerstone of everything Partisia does, makes this powerful vision a tangible reality. We cut through complex data silos and navigate stringent compliance effortlessly, empowering your organization to unlock crucial insights and forge strategic partnerships with absolute confidentiality and security. At Partisia we're building a future where data privacy fuels progress, not hinders it.

ConScience

ConScience is a trusted partner to researchers in academia and industry, offering over a decade of expertise in micro- and nanofabrication. We specialize in microfluidics, nanofluidics, sensing, and quantum technologies, supporting leading institutions including the Universities of Oxford, Cambridge, and Harvard, as well as top quantum computing companies across the EU and US. ConScience provides advanced foundry services for state-of-the-art qubit device fabrication and develops its own line of quantum processing units: the **Qubit-in-a-Box (QiB)** series.

Exhibitors

Quantropi provides quantum secure cryptography to protect data and communications, with a specific focus on defence solutions and the embedded/IoT markets. Its solution is a crypto-agile implementation of a quantum safe version of SSL and TLS that includes the NIST PQCs and its novel algorithms that are ideally suited for embedded systems. This will enable quantum secure communications across a wide range of defence systems and solutions. Quantropi will leverage its existing software components and repackage them as software libraries that will be installed on Core and Tactical Edge systems to establish "TLS-Q": quantum safe data communications over any IP network.

CUbIQ Technologies specialises in developing quantum-resistant optical transceivers in an industry-standard small form factor. Its innovative technology leverages expertise in system integration, digital signal processing, quantum information and photonic integration to deliver a QKD transceiver at 100x lower cost and energy footprint than its competitors, in an industry complaint form-factor. It has developed a CV-QKD transceiver in QSFP-28 form factor that seamlessly integrates both classical and quantum components. This transceiver will leverage CV-QKD technology, utilising electronic-photonic integrated circuits to significantly reduce costs and improve scalability.

Exhibitors

Alea Quantum Technologies is a supplier of high-speed quantum random number generators to secure the future interconnected world. The product is truly revolutionary: It is simple, robust, high-speed and adaptable, and the randomness is guaranteed by the basic laws of quantum physics.

Cogitat is developing AI-powered brain-computer interface technology that makes EEG decoding production-ready. An Imperial College London spinout, Cogitat won the 2021 NeurIPS EEG Transfer Learning Competition. Its technology works across any user and any EEG device, making neural decoding universally accessible. Its breakthrough lies in world-leading AI technology that enables reliable mental state decoding across users and devices without calibration. Protected by two patents and powered by proprietary large-scale datasets, its novel deep learning architectures overcomes traditional EEG limitations including environmental interference, device dependencies, and user variability. Its solution scales across different neural monitoring tasks while maintaining robust performance.

Exhibitors

BioInnovation Institute (BII) has a fundamental role in the Danish quantum ecosystem, and we continuously work to strengthen Denmark's position as a leader within the field of quantum technology. At BII Quantum Lab in Collaboration with NATO's DIANA, we drive innovation within quantum technologies by supporting early-stage startups. Our tailored program focuses on developing interdisciplinary teams, identifying, and developing the most promising business case, and determining the most suitable technology development pathways for commercial viability and company growth. As Denmark's official contribution to NATO DIANA, BII Quantum Lab in Collaboration with NATO's DIANA uses BioInnovation Institute's (BII) experience from working with life science startups to leverage Denmark's world-leading research in quantum sciences. With the first DIANA program launched in early 2024, innovators are invited to explore the potential of quantum technologies from a dual-use perspective, benefiting societal resilience and both civilian and defense industries

Dencrypt is a secure communications company founded in 2013 with the ambition of delivering easy-to-use apps that protects its users with exceptional security. Dencrypt develops and maintains the Connex client application and the Dencrypt Server System which offers full end-to-end encrypted audio/video calls and instant messaging. Our encryption technology (Dynamic Encryption) is beyond industry benchmarks, guaranteeing that your communications remain confidential and tamper-proof, even in the face of sophisticated cyber threats from classical and quantum computers. Our solution is Common Criteria Certified and NATO approved for classified communication. Connex uses hybrid key exchange (ECDHE + Kyber) for all data transfers to protect against any sophisticated quantum attacker in the future. Dencrypt is part of the CyberQ project with the goal of encrypting video and audio calls with keys secured by QKD.

Exhibitors

Microsoft

Microsoft's quantum program aims to accelerate scientific discovery by enabling researchers to solve complex problems that are unsolvable with classical computers. Today, customers of the Azure Quantum cloud service can access advanced tools, capabilities, and multiple types of quantum hardware. Looking forward, Microsoft's advances with topological qubits are likely to shorten the timeline for meaningful quantum computation from decades to years. Microsoft collaborates with hardware partners such as Atom Computing, and has demonstrated quantum computers with tens of logical qubits, and is now bringing these systems to customers.

HØIBERG
EUROPEAN PATENT ATTORNEYS

HØIBERG is a European Intellectual Property firm that counsels on all aspects of intellectual property rights including patents and IP strategies. We help ambitious and innovative companies create the products of tomorrow by protecting their IP today. HØIBERG has experts within all scientific fields, and our experts have an in-depth understanding of science and technology. HØIBERG's Hightech team unites skilled consultants with PhDs in quantum technology with proficient European Patent Attorneys with +20 years of patent prosecution, opposition & litigation experience. HØIBERG has decades of experience in assisting both startups and multinational companies. HØIBERG's core values are long term client relationships and cutting-edge technical insight to deliver IP strategies with strong commercial impact.

Exhibitors

Atom Computing is building scalable quantum computers with arrays of optically trapped neutral atoms. We collaborate with researchers, organizations, governments, and companies to help develop quantum-enabled tools and solutions for the growing global ecosystem.

Symbion has played a key role in shaping the Danish startup landscape over the past 40 years. As a non-profit, its focus remains on maximizing the success and sustainability of the companies it hosts – not on generating shareholder returns. This ethos has allowed Symbion to build a space where trust, collaboration, and long-term thinking thrive.

By offering access to flexible infrastructure, a high-value network, and a thriving professional community, Symbion helps startups and SMEs move faster, smarter, and with greater confidence. Several of Denmark's most promising early-stage companies have started—and scaled—within the walls of Symbion.

Symbion provides a diverse range of workspaces including private offices, shared office spaces, flex desks, and laboratories. These facilities are designed with flexibility and scalability in mind, enabling startups and SMEs to grow organically without being limited by rigid infrastructure or long-term commitments. Whether you're a solo founder at the idea stage or a growing company with a full team, Symbion offers space solutions that adapt to your needs.

As the quantum industry continues to grow in Denmark and beyond, Symbion stands ready to support the next wave of trailblazing startups and scaleups in this space. Whether you're building tomorrow's quantum computing solution, pioneering new biotech applications, or developing complex hardware systems, Symbion is the ideal environment to grow your business and connect with like-minded innovators

Exhibitors

DFM
Danmarks Nationale Metrologiinstitut

DFM's main competences are the development of state-of-the-art primary measurement standards and methods with the aim of providing high level measurement services. Today DFM's primary focus is on development of products and services within quantum- and nanometrology and we are working closely with Danish and international companies to support both their product development and test and validation requirements to access international markets. DFM has many years of experience within quantum optical measurements, fibre optics, QKD calibrations, development of ultra-stable lasers, quantum materials growth and nano-scale characterization. DFM provides a range of traceable measurements as well as ultra-stable lasers, quantum reference materials and singlephoton calibrators.

DIASENSE

DIASENSE is developing a Quantum Diamond Magnetic Microscope with an unprecedented combination of sensitivity, spatial resolution, and speed. Their cutting-edge technology enables contactless chip failure analysis at the microscopic level – revealing failure mechanisms invisible to traditional techniques. By capturing magnetic field patterns generated by current flow deep inside integrated circuits, their system offers insights into a broad range of failure modes, from subtle interconnect issues to power distribution anomalies and beyond. This enables chip developers to accelerate root-cause analysis, reduce costly iterations, and increase yield and reliability of their products.

Exhibitors

Quantum Foundry Copenhagen is innovating tools and processes for chip-based quantum processor manufacturing, that enable the development of scalable fault tolerant quantum computing. The core technologies are based on interconnected ultra high vacuum systems enabling chip-based fabrication with extreme atomic/isotopic precision and purity. Quantum Foundry supports wafer-based integrated circuit fabrication of monolithic and 3D architectures, including, for example, superconducting, semiconducting, and photonics components. In close collaboration with the Novo Nordisk Foundation Quantum Computing Programme (NQCP) at the Niels Bohr Institute, University of Copenhagen, we support the development of useful quantum computing for the life sciences and the green transition.

NKT Photonics a subsidiary of Hamamatsu Photonics has for more than two decades been the leading developer and manufacturer of photonic crystal fiber (PCF) technology and PCF based fiber lasers. The product portfolio includes low noise, high power laser systems for quantum computing and ruggedized compact fiber laser systems for quantum communication, metrology and mobile quantum sensing systems.

Exhibitors

IBM Quantum is pioneering universal quantum computing for business, science, and engineering, with the ultimate goal of bringing useful quantum computing to the world. We're advancing the full quantum technology stack and developing applications to make quantum broadly accessible and practical. Since 2016, IBM has been offering cloud access to cutting-edge quantum systems and IBM's open-source software development kit, Qiskit, is the world's most widely adopted software development kit for quantum computing.
Through a rapidly growing network of partners, IBM is collaborating with global enterprises, academia, and researchers, pairing IBM's technology leadership with leading experts from industry to push the boundaries of computation and bring useful quantum computing to life.

Founded in 2018, **Quantum Machines (QM)** has set itself a goal to accelerate the realization of practical quantum computing that will disrupt all industries. The company's comprehensive portfolio includes state-of-the-art control systems and cryogenic electronic solutions that support multiple quantum processing unit technologies. QM's OPX family of quantum controllers leverages its proprietary Pulse Processing Unit (PPU) to deliver unprecedented performance, scalability, and productivity. Easily programmable at the pulse level or gate level (OpenQASM3), OPX runs even the most complex quantum algorithms right out of the box – Including quantum error correction, multi-qubit calibration, mid-circuit frequency tracking, and more. In mid-2022, QM acquired QDevil, a leading provider of quantum electronics solutions, enriching its portfolio to stretch from room-temperature to cryogenics.

Exhibitors

Sparrow Quantum, est. 2016 in Copenhagen, Denmark, is a quantum technology company dedicated to advancing light-matter interfaces for quantum computing and communications systems. A spin-out from the Niels Bohr Institute, Sparrow Quantum's deterministic single-photon "Sparrow Core" source builds on more than two decades of academic and commercial development. Sparrow Core's best-in-class specs have set industry benchmarks (including the market's leading light-coupling efficiency rate) and continue to earn acclaim from top quantum technology companies globally. Today, we are a small but cosmopolitan team, with 11 nationalities represented among our nearly 40 employees. Learn more at www.sparrowquantum.com

Kvantify is a leading quantum software company from Denmark delivering solutions and services to tackle the world's most challenging and valuable computational problems in life sciences and chemistry. Established in 2022, the company today comprises approximately 50 experts in a broad range of fields, from quantum computing and software engineering to mathematics, physics, drug discovery, and computational chemistry. They work at the intersection of high-performance and quantum computing, and through algorithmic developments they progressively scale up the size of problems addressable by quantum computing. With the launch of their first life science product Koffee, they demonstrated fast and accurate physics-based computational drug discovery methods for binding affinity and kinetics.

Exhibitors

Maybell

Maybell Quantum is a venture-backed quantum hardware company with offices in Denmark, Finland, Germany, and the United States. Maybell's mission is to deliver the world's best tools to solve the toughest quantum challenges, offering solutions that are more reliable, scalable, and accessible. Founded in 2021, Maybell is transforming the quantum computing landscape by providing dilution refrigerators and ultra-high-density RF ribbon cables for quantum applications. The systems are designed to ensure an unprecedented level of uptime and reliability. As quantum computing transitions from the realm of research to realworld applications across sectors such as defense, intelligence, and technology, Maybell is well-positioned to be a key partner in providing the critical infrastructure that underpins this transformative technology.

QUNASYS

QunaSys, founded in Tokyo in 2018, is a leading provider of quantum algorithms and software. QURI SDK, our open-source, hardware-agnostic software suite, supports most quantum computing modalities and ensures investment protection for algorithm development. Through collaborations with industry, academia, and government—especially in the QPARC consortium—we've built strong domain expertise in chemistry and optimization. We operate across sectors including Energy, Finance, and Pharma, and are active in EU initiatives like HyperTenQ and the Horizon-funded FULL-MAP battery innovation project

Exhibitors

Molecular
Quantum
Solutions

Molecular Quantum Solutions provides computational tools to accelerate research & development efforts by the pharmaceutical, crop science, chemical and material industries. The MQS tools stack makes use of super- and quantum-computers with quantum chemical models and algorithms to calculate molecular properties in a fast and efficient way. Users are able to high-throughput screen for example solvents, small drug molecules, peptides and solid materials to generate an informed design of experiments for an automated laboratory. The combination of quantum chemistry based solvation modelling together with molecular dynamics allows to predict various properties of molecules such as solubility, phase equilibria and the stability of molecules in mixtures. These properties are highly valuable for formulation development and process simulation efforts. The laboratory connection feature of the MQS tool stack allows for closed loop optimization of experimental data sets by applying the computational in-silico models in connection with ML/AI models and a laboratory operated with robot arms.

Qpurpose

As a quantum computing software, solution and service company, **Qpurpose** develops quantum-enhanced applications across all industries, with a mission to help businesses and organizations navigate the coming quantum industrial revolution. Qpurpose is a spin-off from the Centre for Quantum Mathematics (QM) at the University of Southern Denmark, The affinity between Qpurpose and QM creates a truly unique synergy effect, allowing Qpurpose to tap into the latest world-class research in quantum theory and mathematics in order to develop practical quantum algorithms for industrial customers and research collaborators to attain our mission. Qpurpose is now helping a diverse portfolio of businesses and organizations in Denmark to find quantum applications for their operation. Qpurpose experience in quantum computing and their unique end-to-end service will accelerate the value of quantum computing for enterprises today and enable business and society to harness the value of this technology

Exhibitors

MINISTRY OF FOREIGN AFFAIRS OF DENMARK
Invest in Denmark

Invest in Denmark is the national investment promotion agency within the Ministry of Foreign Affairs of Denmark. Invest in Denmark supports international quantum companies and investors in establishing or expanding activities and operations in Denmark.

Our services includes; tailor-made information and industry insights, advice on general and sector-specific framework conditions in Denmark, customized fact-finding tours, selected aftercare programs to grow your business once you are here, comprehensive benchmarking analyses, contact to potential partners, research communities, public authorities and the private sector, and guidance on setting up a company in Denmark. Our services are free of charge.

zacco

Zacco is a European full-service IP firm with a 360° approach to intellectual property. We provide services across the complete IP lifecycle including patents, trademarks, designs and domain names. Zacco advises clients on IP strategy and protection, and on patent infringement and litigation. Our technical competences range from quantum computing and nanotechnology over electronics, software and mechanics to life sciences and chemistry.

Zacco has been protecting Intellectual Property for over 150 years, and our clients appreciate our approach to fostering a collaborative working environment and we support the sharing of ideas, because they are what have kept us at the forefront of innovation.

Exhibitors

DeiC supports the Danish universities with access to digital infrastructure and various other services. DeiC's Quantum Department is developing quantum infrastructure via four main initiatives based on the Danish National Strategy for Quantum Technology:

- The Danish Quantum Algorithm Academy (Funding for PhD and postdoc scholarships (incl. industrial) for research in quantum algorithms and software)
- National Competence Board for Quantum Computing (Financial support for educational activities)
- Q-Access (Access to quantum computers and quantum simulators/emulators on HPC platforms)
- Niels Bohr Quantum Summer School (International program for PhD students)

Furthermore, DeiC's Quantum Department participates in large European quantum infrastructure projects, e.g. LUMI-Q, EuroQCI and QUEX.

Riverlane's mission is to make quantum computing useful sooner, starting an era of human progress as significant as the industrial and digital revolutions. To achieve this, Riverlane is building the Quantum Error Correction Stack to comprehensively correct the millions of data errors that prevent today's quantum computers from achieving useful scale. Riverlane's customers are governments, quantum computer hardware companies and world-leading research labs. Investors include leading venture capital funds Molten Ventures, Amadeus Capital Partners and Cambridge Innovation Capital; the UK's national security investment fund (NSSIF); high-performance computing leader Altair; and the University of Cambridge.

Exhibitors

Sensible Biotechnologies believes that mRNA is the most important molecule of the 21st century. To unlock this modality's full potential, humanity needs faster, cheaper, and more effective methods of manufacturing high-quality mRNA. Instead of making RNA via in vitro-based processes, Sensible is developing a cell-based mRNA manufacturing platform. It utilizes its proprietary PROMPT (Programmable mRNA-Protein Transporters) technology to capture mRNA and protect it from degradation by cellular enzymes and unwanted contaminants. It then purifies mRNA, and it is ready to use for the relevant applications.

52North is a med-tech company developing cutting edge technologies to reshape urgent care pathways, enabling safer and better care for patients worldwide. Its patented AsterTM platform can multiplex cell-based and soluble biomarkers from a single sample, in a low-cost, rapid, easy-to-use, portable format. In application, the AsterTM platform enables earlier dissemination of critical data points and identification of patients most at risk of severe morbidity and mortality.

Exhibitors

QUANTUM DENMARK

Quantum Denmark (QD) is a nationally anchored initiative led by DFM to establish Quantum House Denmark – a physical hub located in the Innovation District Copenhagen. Quantum House Denmark will offer office space and support for business development as well as access to a national quantum test center offering advanced test services in the fields of quantum computing, sensing, and communication. With strong public and private funding, it is the goal that the establishment of Quantum House Denmark will strengthen the knowledge of Denmark's quantum efforts internationally, attracting more foreign talent and investments.

TOPSIL

ULTRAPURE SILICON

Topsil is a world leading supplier of tailor-made semiconductor materials for the global semiconductor industry, enabling customers to manufacture advanced electronics and energy efficient power components. The ultrapure Float Zone silicon technology platform has high utility for the most demanding applications in power grid transmission, military equipment, detectors and in quantum technologies. End products are widely used in the transport, energy, defence, medico, quantum and many other industrial sectors. Customers include large semiconductor companies as well as cutting edge research institutions worldwide.

Exhibitors

QUANTINUUM

Quantinuum, the world's largest and leading integrated quantum company, pioneers powerful quantum computers and advanced software solutions. Quantinuum's technology drives breakthroughs in materials discovery, cybersecurity, and next-gen quantum AI. With over 550 employees, including 370+ scientists and engineers, across the US, UK, Germany, and Japan, Quantinuum is driving the quantum computing revolution.

KPMG

KPMG Denmark is a member firm of the KPMG global network of professional firms operating in 142 countries and territories across the globe. KPMG Denmark, with a team of approximately 1,000 employees and partners, is home to the KPMG Global Quantum Hub within its NewTech division. Based in the Copenhagen office, KPMG Denmark, NewTech, offers education and advice on how to prepare organisations for the advent of Quantum Technologies, and leverages partnerships with leading universities and tech-giants developing actual quantum hardware. KPMG Denmark, NewTech, offers guidance within Quantum Sensing, Quantum Communication and Quantum Computing technologies, helping identifying use cases, assess quantum-related cybersecurity risks, and educate on the applications of quantum computers. KPMG Denmark, NewTech, will leverage their expert knowledge on the application of Quantum Technologies to support clients.

Exhibitors

Danish Quantum Community

Danish Quantum Community is an initiative to bring together all quantum stakeholders in Denmark with the purpose of building a unified ecosystem and strengthening Denmark's efforts in quantum research and quantum technologies.

With close to 60 partners, we pave the way for the future of Danish quantum partnerships across sectors, industries, and disciplines. By bringing together the ecosystem, we create room for new synergies, improve the conditions for quantum innovations, facilitate knowledge exchange, and leverage the business potentials for quantum technologies.