The 11th Finland - Taiwan Joint Business Council Meeting
Quantum Technology Forum
第 11 屆臺芬(蘭)經濟合作會議暨量子科技論壇
芬蘭企業簡介

Quantum Technology 量子科技	
Company	**Introduction**
	BLUEFORS OY Bluefors is the world leader in manufacturing cryogenic measurement systems, cryocoolers and other cryogenic product lines for quantum technology, fundamental physics research and other select industries, such as life sciences and clean energy. 低溫測量系統、低溫冷卻器及其他低溫產品
	IQM Quantum Computers IQM is the leading European quantum computing company that delivers on-premises quantum computers and provides quantum solutions to enterprise customers. IQM is a full-stack solutions provider, and quantum processors are built based on superconducting qubits technology. 量子電腦、量子硬體全方位開發商
	QuantrolOx QuantrolOx, an Oxford University spinout, is the developer of Quantum EDGE software for qubit, and quantum processor tune up automation. We envision a world where the bring-up, characterization, testing and tune-up of every qubit will be fully automated. 量子位元自動化控制軟體

SemiQon	**SemiQon** SemiQon builds quantum processors for quantum computers in the million qubit era. Spin-off from VTT. Operations since 2023. Team of 10 experts. Full state-of-the-art fabrication and measurement capability. 新型量子處理器解決方案
VEXLUM	**VEXLUM LTD** Vexlum is a privately owned company established in 2017 with the general vision to bring VECSELs' unique capability to the quantum technology market. Vexlum are currently emerging from a stage focused on the scientific market to serving volume deployment in industrial quantum technology applications. Vexlum operation is based on vertical integration starting from the core expertise on semiconductor design and epitaxy in own semiconductor fabrication facility located in Tampere, Finland. 雷射系統、光電材料、半導體加工
VTT	**VTT Technical Research Centre of Finland Ltd** VTT is a visionary research, development, and innovation partner for companies and society. VTT is one of Europe's leading research institutions. VTT advances the utilisation and commercialisation of research and technology in commerce and society. VTT offers R&D services for hardware development for quantum computer (superconductive) hardware, quantum sensing and enabling technologies like integrated photonics. 量子軟體、演算法、實際應用研究開發

A! Aalto University	**AALTO UNIVERSITY** Aalto University's purpose is to shape a sustainable future. Aalto University do high quality research, excelling and making breakthroughs in and across science, art, technology and business. 超導量子控制及測量技術開發、量子位元設計製造研究
	University of Jyväskylä Quantum Information Systems The Quantum Information and Computation (QIC) team consists of researchers that are passionate about understanding the potential of quantum computing and seeking the fundamental boundaries of quantum information processing. QIC is on a mission to decode the quantum realm's computational power, pushing the boundaries of what's possible in computing, communication, cryptography, and simulation. Our research encompasses a wide spectrum of topics, ranging from quantum information theory to quantum software development. 量子材料及設備研究、矽基位元及感測、量子軟體開發