

Luke Mauritsen Bio

Luke is a business leader, innovator, and engineer who has been involved in the Quantum Information Science and Technology (QIST) supply chain for over 15 years. Beginning with his initial job out of school, Luke developed the first mobile and deployable cryogenic system to enable radar and signals intelligence processing for defense applications, an experience that led to the insight that cryogenics is a major bottleneck for materials and device characterization. To address this bottleneck, Luke founded Montana Instruments in 2010, which is credited with re-inventing cryogenics to accelerate progress in quantum materials research and the nascent QIST industry.

In November of 2022 Luke successfully closed the acquisition of Montana Instruments by Atlas Copco, a Swedish multinational public company. As majority shareholder and Founder, Luke was engaged in every stage of development of the company from idea to exit, engaging the right people at each stage to bring the company to each next maturity level, finally culminating in a mature OEM supplier in the quantum supply chain with maximized shareholder value.

During this time Luke, served on the enabling technologies committee for the Quantum Economic Development Consortium (QED-C) and initiated and chaired the QED-C Cryogenics for QIST Workshop in Bozeman, MT in 2019 that convened industry, academia, and government experts for the purpose of building the first U.S. Cryogenics Roadmap for QIST. In 2020 Luke was appointed to the President's National Quantum Initiative Advisory Committee (NQIAC). In addition, Luke serves on the Advisory Board of the MonArk Quantum Foundry and the Board of Directors of the National Quantum Literacy Network.

In 2023 Luke founded Quantum Strategix for the purpose of transforming the quantum supply chain for the nation and its allies.