



Investor Day 2026

NEW YORK STOCK EXCHANGE

Sept. 8, 2026

Mihir Bhaskar

SVP & GM, QUANTUM TECHNOLOGIES,
SKYWATER



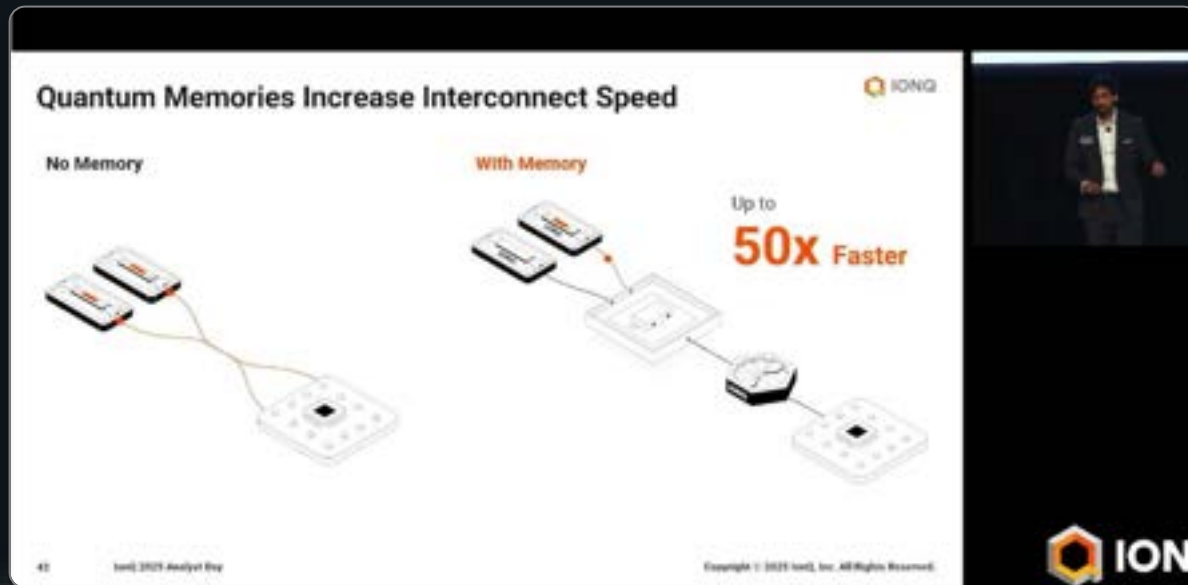


IONQ

QUANTUM INTERCONNECTS FOR OFF-CHIP SCALING AND CONNECTIVITY

September 2025

"Quantum memories enable distributed quantum computing with 50x faster speeds..."

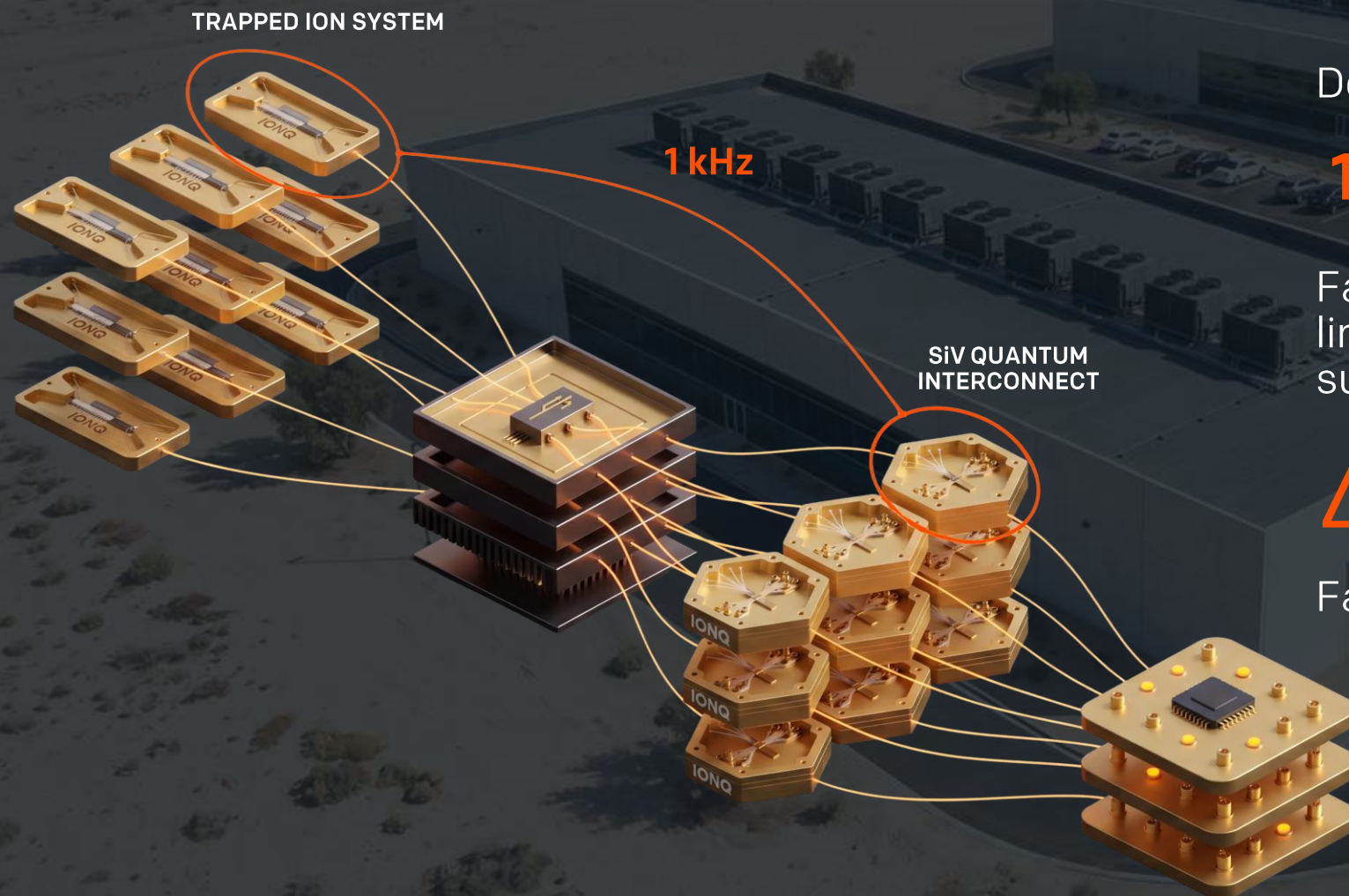


April 2026

"We are working on the first devices sufficient for distributed quantum computing..."



IONQ BUILDING THE BACKBONE OF QUANTUM DATA CENTERS



Devices operating with record-breaking

1 kHz entanglement rate¹

Fastest published optical entanglement link across ions, atoms, and superconducting platforms

4X

Faster than previous ion-ion record²

1. IonQ findings from a forthcoming study; details will be made available upon publication

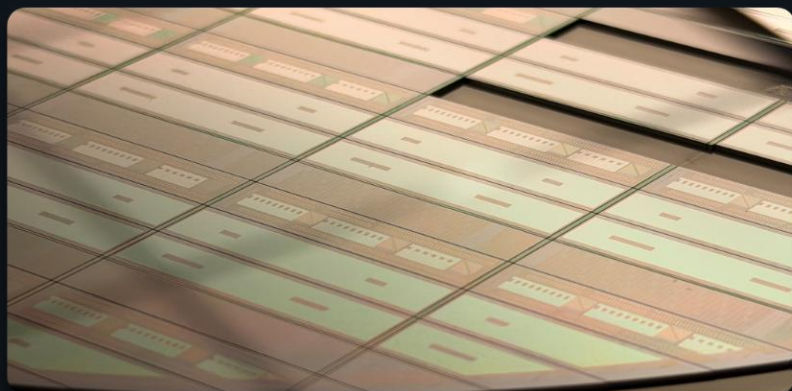
2. O'Reilly et al. (2024)

IONQ SEMICONDUCTOR PLATFORMS DESIGNED TO SCALE ALL QUANTUM MODALITIES

Atoms, ions, photons, superconductors, spins... there are only two ways to scale a quantum system

OPTICS: SP90 PHOTONICS PLATFORM

Supporting on-chip light generation, manipulation, routing, and detection for quantum applications

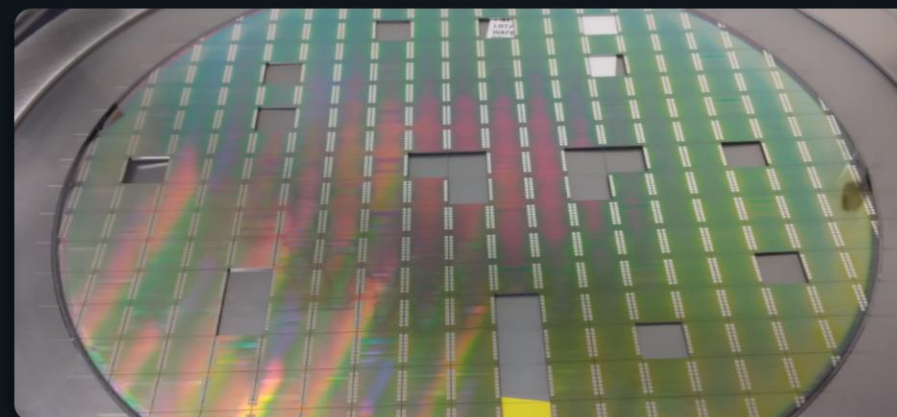


SP90 silicon nitride wafer with selected dies removed for test

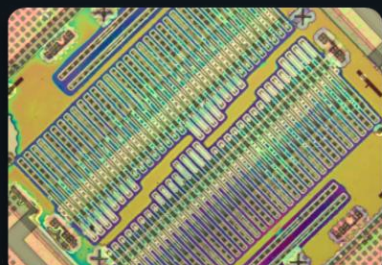


ELECTRONICS: SC250 SUPERCONDUCTING PLATFORM

High-density, low-loss wiring, interconnect, and control for semi-conductor quantum systems



SC250 superconducting wiring wafer with selected dies removed for test



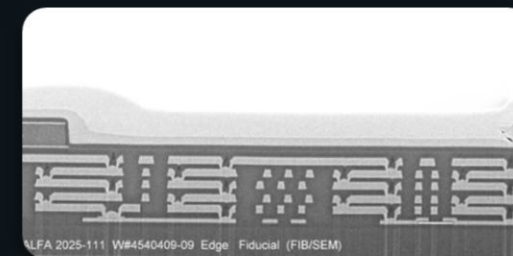
IonQ diamond quantum memory integrated on SkyWater silicon

ENABLING TECHNOLOGIES

Advanced Packaging

New Material Integration

Automated Test & Metrology



Microscopic cross-section analysis of SkyWater superconducting device

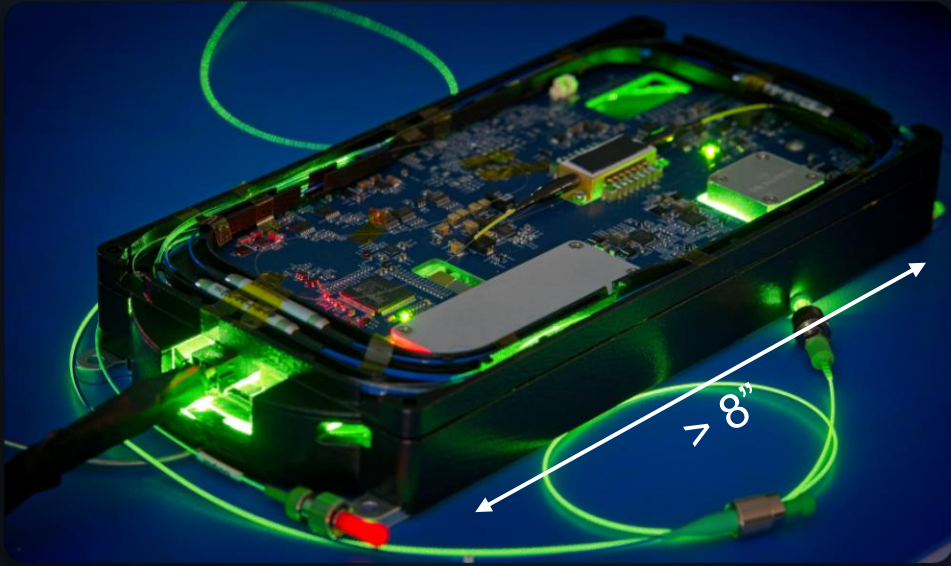


IONQ NEXUS + SKYWATER: MAKING OPTICS SCALABLE FOR QUANTUM

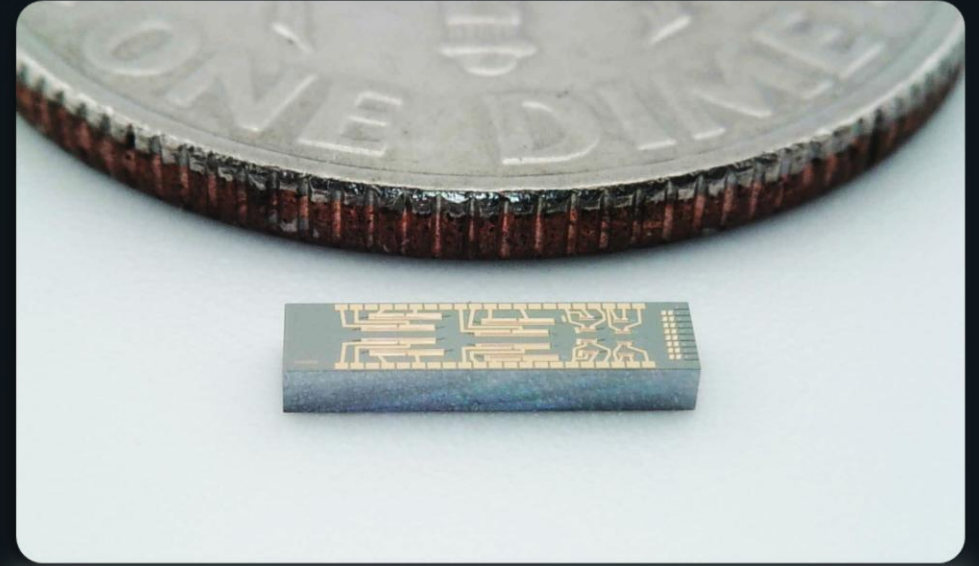


Dr. John Bowers
CO-FOUNDER OF NEXUS PHOTONICS

CURRENT APPROACH TO THE MARKET



SOLUTION ENABLED BY NEXUS



Photonics were critical in enabling transceivers and today's AI / HPC data-center

Nexus enables the **same integration advance for quantum systems**: sensors, networks, and computers



Important Information

FORWARD-LOOKING STATEMENTS AND OTHER INFORMATION

This presentation contains forward-looking statements. All statements other than statements of historical fact are forward-looking statements, including but not limited to statements regarding our guidance for the financial performance of our business and certain of its components, our quantum computing roadmap including expected changes in the cost per qubit, the scaling of our manufacturing and operations including potential acceleration with SkyWater, the timeline to breaking encryption, expectations surrounding the future of the global quantum market, our competitive position, and the applications of our technology. In some cases, you can identify forward-looking statements because they contain certain words such as “anticipate,” “believe,” “close,” “confident,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of these words or other similar terms or expressions. Forward-looking statements are subject to various risks and uncertainties. Accordingly, there are important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. Moreover, new risks and uncertainties emerge from time to time, and it is not possible for us to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this presentation. The results, events and circumstances reflected in the forward-looking statements made herein may not be achieved or occur, and actual results, events or circumstances could differ materially from those described in the forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on any forward-looking statements. For additional information on these and other factors that could cause our actual results to differ materially from those set forth in the forward-looking statements contained in this presentation, please see our Annual Report on Form 10-K for the year ended December 31, 2025 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2026 filed with the Securities and Exchange Commission. All information contained herein speaks only as of the date of this presentation, except where otherwise stated. Except as required by law, we undertake no duty to update or revise the information contained herein, publicly or otherwise, including any forward-looking statements.

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