NEWS RELEASE

IonQ and the University of Maryland Sign $9M Partnership To Drive Quantum Innovation

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The University's investment in the National Quantum Lab helps further cement Maryland's leadership in quantum computing

COLLEGE PARK, Md.--(BUSINESS WIRE)-- IonQ (NYSE: IONQ), a leader in the quantum computing industry, and the University of Maryland (UMD), an international powerhouse in quantum research and applications, today announced an agreement to expand their partnership to provide state-of-the-art quantum computing access at the **National Quantum Lab at Maryland (QLab)** . QLab provides UMD-affiliated students, faculty, researchers, staff and partners with an unprecedented opportunity to work closely with IonQ's scientists and engineers as they gain experience with industry-leading trapped ion quantum computers.

UMD's investment in quantum spans over 35 years and has produced a world leading concentration of quantum expertise - including Nobel Laureate Dr. William Phillips. The University's 10 quantum-focused centers have over 200 researchers who have produced 200+ publications annually, and graduated 100+ quantum-focused physics PhDs in the last decade.

As a result of UMD's investments, QLab has become a quantum innovation hub, driving economic development in the state, while attracting top talent to the region. With substantial allocations to the open science community for high-impact scientific research projects, IonQ and UMD strive to foster connections with universities in Maryland and provide access to researchers globally.

"This partnership strengthens IonQ's commitment to the state of Maryland, a state that has positioned itself as the Capital of Quantum," said IonQ President and CEO Peter Chapman. "UMD's dedication to quantum research,

coupled with the collaborative nature of QLab, makes them the ideal partner to accelerate breakthroughs in the quantum industry."

"UMD's continued partnership with IonQ reaffirms our commitment to quantum innovation and the dramatic impact it is making in academia, government and the public sector," said University of Maryland President Darryll J. Pines. "IonQ's industry-leading technology and expertise make them an invaluable partner in driving quantum research and development that will transform lives here in Maryland and around the world."

QLab, a first-of-its-kind lab for quantum research and development, has supported multiple cohorts of undergraduate interns, multiple academic research projects, and multiple companies within UMD's **Quantum Startup Foundry** and **Mid-Atlantic Quantum Alliance** . Workshops have also been held for government partners such as NASA Goddard Space Flight Center, as well as other events and tours for government and international visitors.

The grand opening of QLab a year ago marked a pivotal moment in establishing a collaborative, diverse quantum research community in Maryland, including enabling the launch of its **Global User Program** . QLab has brought together stakeholders from academia, industry, and government and integrated researchers from diverse fields such as materials science, aerospace engineering, and climate science.

Together with IonQ, UMD is focused on growing the quantum computing user base by supporting research projects that advance quantum computing solutions, enable scientific discovery, and prepare a skilled workforce.

To learn more about IonQ and its latest system news and business developments, visit **https://ionq.com/** .

About IonQ

IonQ, Inc. is a leader in quantum computing that delivers high-performance systems to solve the world's largest and most complex commercial and research use cases. IonQ's current generation quantum computer, **IonQ Forte** , is the latest in a line of cutting-edge systems, boasting 36 algorithmic qubits. The company's innovative technology and rapid growth were recognized in Fast Company's 2023 Next Big Things in Tech List and Deloitte's 2023 Technology Fast 500™ List, respectively. Available through all major cloud providers, IonQ is making quantum computing more accessible and impactful than ever before. Learn more at IonQ.com.

IonQ Forward-Looking Statements

This press release contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Some of the

forward-looking statements can be identified by the use of forward-looking words. Statements that are not historical in nature are intended to identify forward-looking statements, including the word “will”. These statements include those related to possible accelerated breakthroughs in quantum computing; possible breakthroughs in quantum research and development; and growth in the quantum user base. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to: market adoption of quantum computing solutions and our products, services and solutions; IonQ’s ability to implement our business plans, forecasts and other expectations; our ability to achieve scientific and technological breakthroughs and protect our intellectual property; changes in the competitive industries in which we operate; changes in laws and regulations affecting our business; the risk of downturns in the market and the technology industry; and IonQ’s ability to identify and realize partnerships and opportunities, and to engage new and existing customers. You should carefully consider the foregoing factors and the other risks and uncertainties disclosed in the Company’s filings, including but not limited to those described in the “Risk Factors'' section of IonQ’s most recent Quarterly Report on Form 10-Q and other documents filed by IonQ from time to time with the Securities and Exchange Commission. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and IonQ assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. IonQ does not give any assurance that it will achieve its expectations.

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