BosonQ Psi Joins IBM Quantum Network to Enhance Research and Proof of Concept Projects with Quantum-Powered Simulations

Company focused on quantum-powered simulations for industry applications is the first startup in India to join the IBM Quantum Network.

India, Bengaluru, March 23, 2023 - BosonQ Psi (BQP) has joined the IBM Quantum Network startup program and intends to experiment and develop quantum algorithms for engineering simulations on quantum systems. Collaborating with established researchers from universities, R&D labs, and end-user industries, BosonQ Psi intends to boost the performance of complex engineering simulations using Qiskit libraries, simulators, and IBM quantum systems via the cloud.

BQP's quantum-powered simulation platform serves applications in aerospace, automotive, manufacturing, biotech, and many other industries. BQP's state-of-the-art capabilities allow researchers to engage in proof-of-concept projects and simulations. Quantum-powered simulations aim to provide innovative breakthrough solutions for complex engineering problems with realistic, accurate, and accelerated simulations.

"We are very excited to be part of the IBM Quantum Network. We are getting overwhelming traction for our simulation platform, and this announcement couldn't have come at a better time. Being part of IBM's network allows our team to experiment and harness the scalability of our hybrid quantum-classical algorithms and carry out proof-of-concept projects." said Rut Lineswala, Founder and CTO, BQP

"India's quantum ecosystem growth is vitally important to the quantum industry. We believe that BQP's membership in the IBM Quantum Network will broaden the opportunity for this community of domain experts to learn and explore how quantum computing can help their organizations," said Aparna Prabhakar, Vice President, IBM Quantum Ecosystem.

About BosonQ Psi
BosonQ Psi (BQP) is a Quantum SaaS software venture that brings the power of quantum computing into the hands of enterprise end-users. The simulation capabilities deployed by BQP combine a hybrid infrastructure that highlights the near-term value additions for customers via a quantum-based solution that significantly reduces the time needed for high-accuracy simulation. This means products can get to market faster and reduce overall costs for production and recalls. The company recently launched BQPhy – the Alpha version for getting early feedback. A full-scale version will be released in mid of 2023. BQP is headquartered in Bengaluru, India with a presence in USA and UK.

About IBM
IBM is a leading global hybrid cloud and AI, and business services provider, helping clients in more than 175 countries capitalize on insights from their data, streamline business processes, reduce costs and gain the competitive edge in their industries. Nearly 3,800 government and corporate entities in critical infrastructure areas such as financial services, telecommunications and healthcare rely on IBM's hybrid cloud platform and Red Hat OpenShift to affect their digital transformations quickly, efficiently and securely. IBM's breakthrough innovations in AI, quantum computing, industry-specific cloud solutions and business services deliver open and flexible options to our clients. All of this is backed by IBM's legendary commitment to trust, transparency, responsibility, inclusivity and service. For more information, visit https://research.ibm.com.

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