IBM Newsroom

EY and IBM Expand Strategic Alliance into Quantum Computing

Provides EY teams access to IBM quantum systems and furthers their engagement in the quantum ecosystem as part of the IBM Quantum Network

Presents opportunity to create quantum computing programs for organizations and develop applications to solve complex business challenges

LONDON and ARMONK, NY, April 13, 2023. The EY organization and IBM (NYSE:IBM) today announced today that EY Global Services Limited will be joining the IBM Quantum Network, further enabling EY teams to explore solutions with IBM that could help resolve some of today's most complex business and global challenges. The EY organization will gain access to IBM's fleet of quantum computers over the cloud, and will become part of the IBM Quantum Network's community of organizations working to advance quantum computing.

Quantum computing is a rapidly emerging technology that harnesses the laws of quantum mechanics to solve problems that today's most powerful supercomputers cannot practically solve. EY teams will leverage their access to the world's largest fleet of quantum computers to explore solutions to enterprise challenges across finance, oil and gas, healthcare, and government.

The EY organization established its own Global Quantum Lab last year with a mission to harness quantum value in the domains of trust, transformation, and sustainability. Using IBM quantum technology, EY teams plan to conduct leading-class research to uncover transformative use cases, including: the reduction of CO2 emissions from classical computing, the improvement of safety and accuracy of self-driving cars, and most critically, integrate quantum benefits into organizations' mainstream systems for data processing and enterprise decision making.

Andy Baldwin, EY Global Managing Partner – Client Service, says:

"Quantum, in terms of importance to business, society and the EY organization, is akin to what AI represented years ago. This alliance puts the EY organization at the forefront of technology. As we invest in this level of quantum computing access, we accelerate our own position and depth of knowledge and capabilities in this space and deepen our rich relationship with our IBM alliance teams."

Jeff Wong, EY Global Chief Innovation Officer, says:

“As we navigate this period of technology-led change, which is accelerating at unprecedented speed, companies must have a full understanding of how to maximize breakthrough innovations in order to keep pace. Through this relationship with IBM, the EY organization will now have the ability to take advantage of quantum computing to propel its innovation journey.”

Jay Gambetta, Vice President, IBM Quantum, says:

“IBM’s vision is to deliver useful quantum computing to the world. We value partners like the EY organization that can introduce the emerging technology to a wide ecosystem of public and private industry. This will help EY facilitate the exploration of quantum computing’s potential for use cases that matter in their industry.”

Membership in the IBM Quantum Network is part of a broader effort by the EY organization to invest and develop robust capabilities in emerging technologies, which already include artificial intelligence, blockchain, and metaverse development. Beyond the increased investment of the EY-IBM Alliance, the EY organization is investing $10 billion in technology initiatives over three years, including investment in the organization’s own quantum function.

More information on the EY-IBM alliance, here.

About EY

EY exists to build a better working world, helping create long-term value for clients, people and society and build trust in the capital markets.

Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform, and operate.

Working across assurance, consulting, law, strategy, tax, and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

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This news release has been issued by EYGM Limited, a member of the global EY organization that also does not provide any services to clients.

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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.

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