

## At CES Today, IBM Hosts Quantum Super Session and Announces Quantum Network Tops 100 Organizations Working Toward Practical Applications for Business and Science

**Industries include Airline, Automotive, Banking, Finance, Energy, Insurance, and Electronics**

**Company showcases IBM quantum computer in Grand Lobby of Las Vegas Convention Center**

LAS VEGAS, Jan. 8, 2020 /PRNewswire/ -- IBM (NYSE: [IBM](#)) will host a live panel discussion and media event with leaders from Daimler AG and ExxonMobil discussing how quantum computing will radically change the world in a CES Super Session today, January 8, from 3:00-4:00 p.m. PST. The panel will be available via livestream starting at 3:00 p.m. PST [here](#). Watch to understand why many believe quantum is the next big thing in technology and how it promises to unlock tremendous value — including the discovery of new drugs and materials, batteries that are 1000x better, efficient supply chains and new transportation systems.

**What:** Live panel discussion, "Enter the Quantum Decade"

**When:** Wednesday, January 8

3:00-4:00 p.m. PST / 5:00-6:00 p.m. CST / 6:00-7:00 p.m. EST

**Where:** Livestream available at <https://live.ces.tech/detail/video/6119329177001/enter-the-quantum-decade> or attend in-person at the Las Vegas Convention Center, North Hall, N257

### Panelists:

- Dario Gil – Director, IBM Research (Moderator)
- Jeannette M. Garcia – Senior Manager for Quantum Applications, Algorithms and Theory, IBM Research
- Andreas Hintennach – Senior Manager for Battery Research and Technology, Mercedes-Benz Research & Development, Daimler AG
- Vijay Swarup – Vice President of Research and Development, ExxonMobil Research and Engineering Company

Additionally, see an IBM quantum computer in the Las Vegas Convention Center Grand Lobby (GL-7), or download images (Credit: IBM) [here](#).

Examples of companies working with IBM to explore quantum computing's potential include:

- **Delta Air Lines:** Transforming experiences for customers and employees, and addressing challenges across the day of travel
- **Anthem, Inc.:** Improving the consumer healthcare experience and enhancing privacy and security
- **Daimler AG:** Exploring optimization, machine learning and materials science across the automotive

industry for the design of new batteries

- **ExxonMobil:** Developing next-generation energy and manufacturing technologies
- **Mitsubishi Chemical:** Applying quantum computing to help develop lithium-air (Li-air) batteries with greater energy density
- **JPMorgan Chase:** Developing improved methodologies for financial modeling and risk management
- **Oak Ridge National Laboratory:** Addressing energy science problems including computational chemistry, high energy physics, and material design
- **Keio University:** Exploring applications for battery chemistry, pattern classification, and financial optimization and risk analysis
- **CERN:** Expanding research into the basic constituents of matter for better understanding the fundamental laws of nature and advancing scientific understanding of the universe
- **JSR:** Studying quantum chemical calculations to potentially lead to the discovery of new materials for the electronics industry
- **Mizuho Financial Group and Mitsubishi UFJ Financial Group:** Working to analyze financial risk faster and to improve AI for financial services use cases
- **Cambridge Quantum Computing:** Working to solve problems in the areas of quantum chemistry, finance and optimization and improve data security
- **Zapata Computing:** Focusing on quantum computing for the enterprise, including security, chemical research and supply chain optimization projects.

To learn more about IBM's presence at CES, please visit <https://newsroom.ibm.com/ces>.

#### Contact

Chris Nay

Sarah Harold

IBM Communications Weber Shandwick for IBM

(m) 512-800-9708



(m) 512-657-8843

[cnay@us.ibm.com](mailto:cnay@us.ibm.com)

[Sharold@webershandwick.com](mailto:Sharold@webershandwick.com)

SOURCE IBM

---

Additional assets available online:  [Photos](#) 



<https://newsroom.ibm.com/2020-01-08-At-CES-Today-IBM-Hosts-Quantum-Super-Session-and-Announces-Quantum-Network-Tops-100-Organizations-Working-Toward-Practical-Applications-for-Business-and-Science>