

FEDERAL RESERVE BANK of NEW YORK

Innovation Advisory Council (IAC)

April 8, 2026 (10:00 a.m. - 1:00 p.m.)

33 Liberty St, New York, NY 10045

Quantum Technology and its Implications for the Financial Sector

Meeting Agenda

09:40 – 10:00 *Breakfast*

10:00 – 10:05 *Welcome remarks*

10:05 – 10:35 **Panel Discussion: The Quantum Technology Landscape**

The panel will explore the quantum technology landscape, including recent breakthroughs, as well as prospects and timeline for scalability and broad impact.

Moderator: Scott Gaiti, *Director, Data Governance, Federal Reserve Bank of New York*

Speakers: Javad Shabani, *Director of NYU Quantum Institute and Professor of Physics at NYU*; Will Zeng, *Partner at Quantonation*; Abhinav Kandala, *Principal Research Scientist at IBM*

Potential discussion questions:

- How have recent breakthroughs altered expectations for quantum computing to be viable at scale and what are current limitations?
- What domains could demonstrate a verifiable quantum advantage in the near-term?
- How is the industry exploring transitioning to a post-quantum future and what are the challenges?

10:35 – 10:55 **IAC Open Discussion**

10:55 – 11:05 *Break*

11:05 – 11:35 **Panel Discussion: Applications & Implications of Quantum Technology for the Financial Sector**

The panel will explore the opportunities and risks for the financial sector presented by the technology transitioning to practical, scalable systems, particularly exploration into credible applications within the banking sector and the impacts of post-quantum cryptography.

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Speakers: Javad Shabani, *Director of NYU Quantum Institute and Professor of Physics at*

NYU; Will Zeng, Partner at Quantonation; Abhinav Kandala, Principal Research Scientist at IBM

Potential discussion questions:

- What specialized applications in banking and finance could quantum present advantages for over classical computing?
- Should concerns around post-quantum security apply differently to existing and emerging financial infrastructures? What are the distinct challenges?
- How can institutions prioritize between commercial quantum capabilities and defensive measures for quantum resilience? Are there trade-offs in migration to post-quantum cryptography?

11:35 – 11:55	IAC Open Discussion
11:55 – 12:00	<i>Concluding remarks</i>
12:00 – 12:30	<i>Lunch and networking</i>
12:30 – 01:00	<i>Gold Vault Tour (optional)</i>