

**U.S. HOUSE OF REPRESENTATIVES
COMMITTEE ON SCIENCE, SPACE, AND TECHNOLOGY**

HEARING CHARTER

October 17, 2017

TO: Members, Subcommittee on Research and Technology & Subcommittee on Energy

FROM: Majority Staff, Committee on Science, Space, and Technology

SUBJECT: Joint Subcommittee Hearing: “American Leadership in Quantum Technology”

The Subcommittee on Research and Technology and the Subcommittee on Energy of the Committee on Science, Space, and Technology will hold a joint hearing titled *American Leadership in Quantum Technology* on Tuesday, October 24, 2017, at 10:00 a.m. in Room 2318 of the Rayburn House Office Building.

Hearing Purpose:

The hearing will identify where the U.S. currently stands in the international race to the development of commercially available quantum-based technologies, particularly quantum computing. In addition, this hearing will focus on the research and development currently supported by both the government and private sector, provide feedback on what more can be done to improve efforts in quantum information science and engineering, how to effectively train a workforce to prepare for this next generation of technology, and how to successfully compete with other countries.

Witness List

Panel 1:

- **Dr. Carl J. Williams**, Acting Director, Physical Measurement Laboratory, National Institute of Standards and Technology
- **Dr. Jim Kurose**, Assistant Director, Computer and Information Science and Engineering Directorate, National Science Foundation
- **Dr. John Stephen Binkley**, Acting Director of Science, U.S. Department of Energy

Panel 2:

- **Dr. Scott Crowder**, Vice President and Chief Technology Officer for Quantum Computing, IBM Systems Group
- **Dr. Christopher Monroe**, Distinguished University Professor & Bice Zorn Professor, Department of Physics, University of Maryland; Founder and Chief Scientist, IonQ, Inc.
- **Dr. Supratik Guha**, Director, Nanoscience and Technology Division, Argonne National Laboratory; Professor, Institute for Molecular Engineering, University of Chicago

Staff Contact

For questions related to the hearing, please contact Sarah Jorgenson of the Majority Staff at 202-225-6371.