

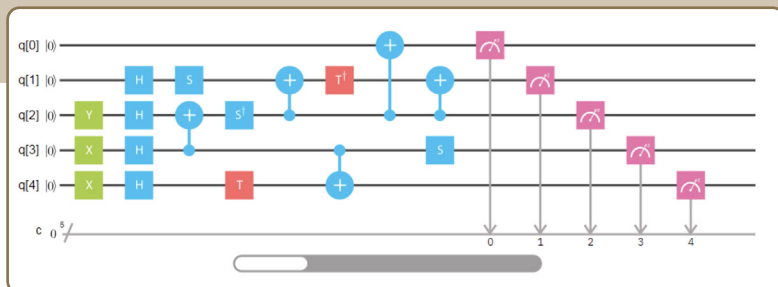
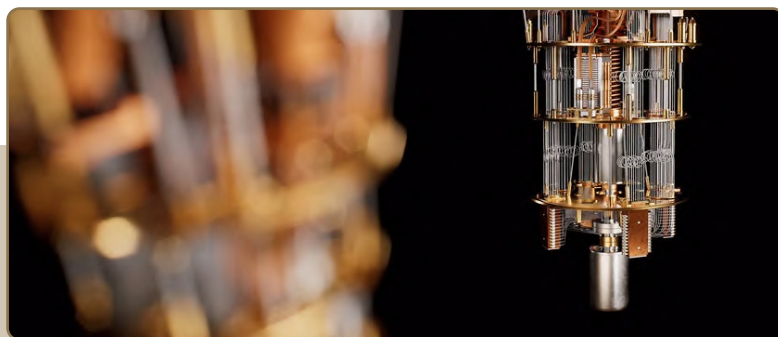
THE LPS QUBIT COLLABORATORY PRESENTS

SUMMER OF QUANTUM

SHORT COURSE

JOIN THE WHITE HOUSE'S DIRECTOR OF THE NATIONAL QUANTUM COORDINATION OFFICE, AND OTHER LEADING QUANTUM SCIENTISTS, IN OUR 2 WEEK INTRODUCTORY QUANTUM COMPUTING PROGRAM.

The Laboratory for Physical Sciences (LPS) Qubit Collaboratory (LQC) invites graduate students enrolled in physics programs and programs in related disciplines to take part in our 2023 Summer of Quantum Short Course. (Note: qualified undergraduates are also welcome.) The 2-week course will provide an introduction to quantum computing from algorithms to physical implementations and including interactive projects. Spaces are limited to ensure a valuable experience. Please submit your application using the QR code or URL below. We hope to see you there.



DATES: July 24 - August 4, 2023

TIMES: Afternoons 12:30 - 4:30pm EST

LOCATION: Virtual via Zoom

COST: Free to accepted participants
(funding supplied by U.S. Government)

DEADLINE TO APPLY: May 19, 2023

WORKSHOP TOPICS:

- Qubit fundamentals
- Initialization & measurement
- One & two-qubit gates
- Quantum algorithms
- Qubit metrics
- Trapped ion qubits
- Superconducting qubits
- Semiconducting qubits
- Neutral atom qubits

PLUS:

- Virtual lab tours
- Networking with peers and leading quantum scientists
- Chance to win an in-person experience at LPS after the course

QUESTIONS?

- Contact us at lqc@lps.gov.



APPLY: Use QR code or visit
<https://forms.gle/RmyUUjmvvHBwFBgH7>
(Application decisions will be made by June 23, 2023.)

