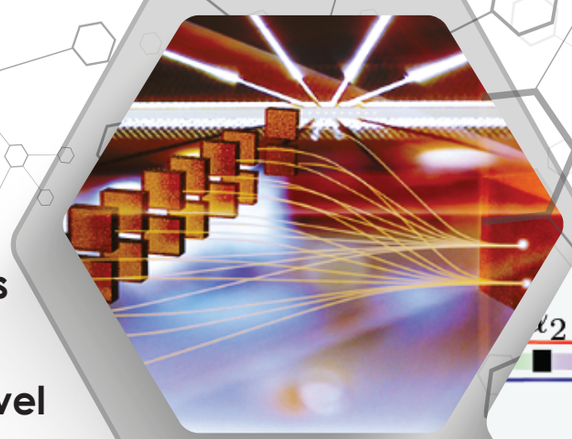
NSF/DOE Quantum Science Summer School (QS³)

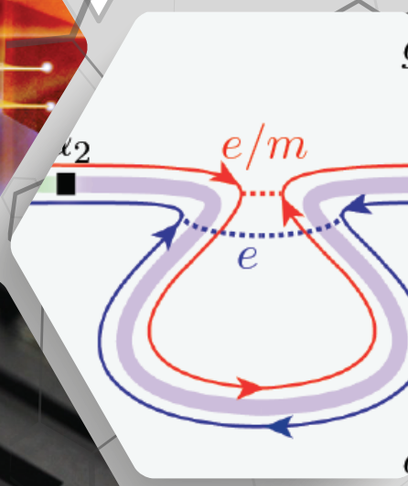
Fundamentals and Applications of Quantum Computing

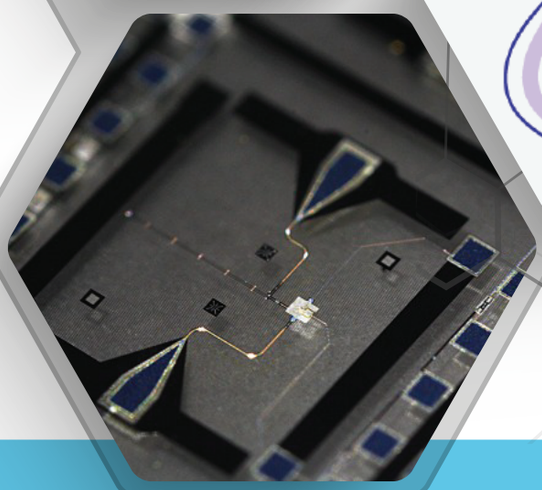
- Graduate Students & Postdocs are encouraged to apply
- Awards include round-trip travel and attendance expenses
- See website for detailed information about scientific program and financial support

APPLICATION DEADLINE
MARCH 31, 2017

APPLY AT
QS3.MIT.EDU







June 5 - 16, 2017
at Johns Hopkins University

Image credits:
(top) Emily Edwards, JQI and University of Maryland
(right) Jason Alicea, Caltech
(bottom) John Martinis, Google/UCSB

Faculty Speakers:

- J. Alicea (Caltech)
- A. Aspuru-Guzik (Harvard)
- D. Freedman (Northwestern)
- S. Girvin (Yale)
- J. Martinis (Google/UCSB)
- D. McClure (IBM)
- C. Monroe (UMD)
- S. Pakin (LANL)
- D. Weiss (PSU)

Organizers:

- Joe Checkelsky (MIT)
- Natalia Drichko (JHU)
- Liang Fu (MIT)
- Kyle Shen (Cornell)
- Jun Zhu (PSU)

The QS³ is an annual summer school with the mission of training graduate students and postdocs in condensed matter, materials, and related fields for the next "quantum revolution." The aim is to provide students an interactive learning experience with both theoretical and experimental leaders in the field and a connection to new technology. The 2017 school is focused on Quantum Computing. QS³ is supported by the National Science Foundation and the Department of Energy.

School Topics:

- Superconducting, Spin and Topological Qubits
- Cold Atom and Ion Trap Approaches
- Quantum Simulation
- Industrial Progress

QS3.MIT.EDU