

Demo table: Quantum Design

1:15 pm - 2:00 pm	Eden Figueroa (Stony Brook University)
	Building a quantum repeater prototype connecting Stony Brook and
	Brookhaven
2:00 pm - 2:45 pm	Tanya Zelevinsky (Columbia University) Ultracold molecule clocks

Coffee Break (Atrium of CEPSR)

3:00 pm - 3:20 pm	Sebastian Will (Columbia University)
	Ultracold dipolar molecules for quantum simulation and quantum information
3:20 pm - 3:45 pm	Javad Shabani (New York University)
	Engineering topological superconductivity in epitaxial superconductor- semicoductor heterostructures
3:45 pm - 4:30 pm	Michel Devoret (Yale University)
	Catching and reversing a quantum jump

Day 2 - Friday, April 19th - Davis Auditorium, Schapiro CEPSR 4th floor

Demo table: Vescent Photonics

9:00 am - 9:45 am	Dirk Englund (MIT)
	Scalable quantum networks with artificial atoms

Coffee Break (Atrium of CEPSR)

10:00 am - 10:40 am	Nicholas Bronn (IBM Q)
	<i>NISQ-y business:</i> Quantum computing's coming of age
10:40 am - 11:20 am	Thomas Alexander (IBM Q)
	Qiskit: A framework for all of your NISQ needs
11:20 am - 11:30 am	QuTools demo by Quantum Design

Lunch (Pick up at Atrium of CEPSR, move to Physics Theory Center)

Relocate to Physics Theory Center, Pupin Hall 8th floor

12:45 pm - 1:30 pm	Jennifer Cano (Stony Brook University)
	Topological quantum materials
1:30 pm - 2:15 pm	Aditi Mitra (New York University)
	Non-equilibrium phases: Floquet topology and transient superconductivity
2:15 pm - 3:00 pm	Misha Lukin (Harvard University)
	Exploring new frontiers of quantum science with atom arrays

Coffee Break (Physics Theory Center)

3:30 pm - 4:30pm Panel Discussion: Future of Quantum Technology

Jerry Chow (IBM Q) Misha Lukin (Harvard University) Tom Marshall (Bloomberg) John Prisco (Quantum Xchange) Charles Tahan (LPS) Host: Sebastian Will

Note:

Non-registered attendees are welcome to join for the talks if there is space. Please give registered attendees priority for seats, food and refreshments. Thank you very much!

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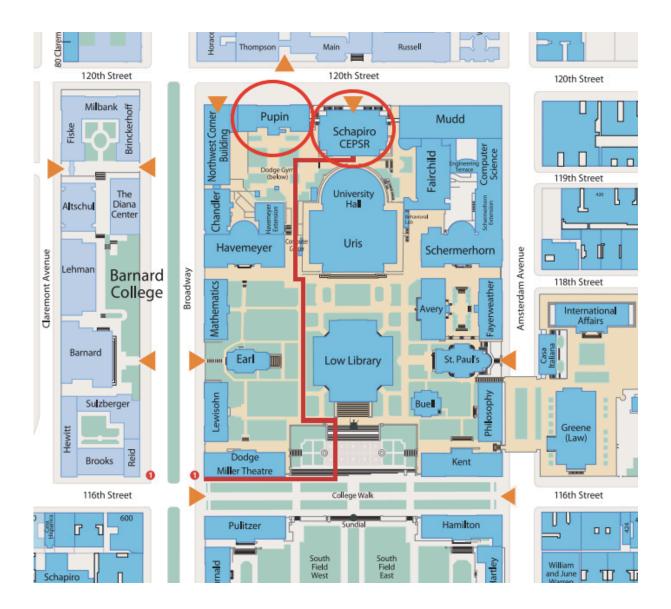






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Davis Auditorium (Schapiro CEPSR) and Physics Theory Center (Pupin Hall)