

NISQ Workshop Talk Schedule

Thursday, June 6

9:00-9:15	Opening Remarks (Iribe Center, Antonov Auditorium)
	Chair: Alexey Gorshkov
9:15-10:00	Chris Monroe Scalable Quantum Computing with Atoms
10:00-10:30	Coffee Break
	Chair: Alexey Gorshkov
10:30-11:15	Paola Cappellaro Hardware-Efficient quantum error correction codes
11:15-12:00	Lorenza Viola Noise characterization for NISQ processors (and beyond)
12:00-14:00	Lunch Break
	Chair: Andrew Childs
14:00-14:45	John Preskill Quantum speedups in the NISQ era
14:45-15:30	Dave Bacon Enlarging the "IS" in NISQ
15:30-16:00	Coffee Break
16:00-18:00	NISQ Poster Session (Iribe Center Lobby)

Friday, June 7

	Chair: Mohammad Hafezi (Iribi Center, Antonov Auditorium)
9:15-10:00	Mikhail Lukin Programmable quantum simulators based on Rydberg atom arrays
10:00-10:30	Coffee Break
	Chair: Mohammad Hafezi
10:30-11:15	Hanhee Paik Benchmarking NISQ systems and future directions for superconducting NISQ hardware
11:15-12:00	Peter Zoller Hybrid Classical-Quantum Algorithms on Programmable Quantum Simulators with Atoms and Ions
12:00-14:00	Lunch Break
	Chair: Robert Rand
14:00-14:45	Krysta Svore Programming for quantum solutions today and tomorrow
14:45-15:30	David Gosset Simulation of quantum circuits by low-rank stabilizer decompositions
15:30-16:00	Coffee Break
	Chair: Lucas Brady
16:00-16:45	Elizabeth Crosson De-signing Hamiltonians for Quantum Annealing
16:45-17:30	Ashley Montanaro Applying quantum algorithms to constraint satisfaction problems