

		SUNDAY, SEPTEMBER 22
11:45-13:20		Lunch and Registration
13:30-14:15		Ady Stern and Netanel Lindner
		Welcome
14:30-15:15		Jason Alicea
		Theory of Majorana-Based Topological Quantum Computing I
15:20-16:05		Charles Marcus
		Towards Experimental Realization of Topological Quantum Computing I
16:05-16:25		Coffee Break
16:30-17:15		Shivaji Sondhi
		An Introduction to Floquet Systems
17:15-18:00		Shivaji Sondhi
		Entanglement and Operator Dynamics in Chaotic Many Body Quantum Systems
18:00-18:10		Short Break
18:15-19:00		Terry Rudolph
		Photonic Quantum Computing
19:00-20:30		Check-In & Dinner
20:30-22:00		Poster Session

		MONDAY, SEPTEMBER 23
07:00-08:30		Breakfast
09:00-09:45		Ehud Altman
		Introduction to Many Body Localization
09:45-10:30		Ehud Altman
		Open Quantum Circuits
10:30-10:55		Coffee Break
11:00-11:45		Terry Rudolph
		Photonic Quantum Computing II
11:45-12:30		Terry Rudolph
		Photonic Quantum Computing III
12:45-14:20		Lunch
14:30-15:15		Naomi Nickerson
		Quantum Error Correction and Fault Tolerance I
15:15-16:00		Naomi Nickerson
		Quantum Error Correction and Fault Tolerance II
16:00-16:25		Coffee Break
16:30-17:15		Charles Marcus
		Towards Experimental Realization of Topological Quantum Computing II
19:00-20:20		Dinner
20:30-22:00		Panel Discussion

		TUESDAY, SEPTEMBER 24
07:00-08:30		Breakfast
09:00-09:45		Naomi Nickerson
		Quantum Error Correction and Fault Tolerance III
09:50-10:35		Christian Degen
		Quantum Sensing I
10:35-10:55		Coffee Break
11:00-11:45		Christian Degen
		Quantum Sensing II
11:50-12:35		Stephen Jordan
		Quantum Algorithms I
12:45-14:20		Lunch
14:30-15:15		Roe Ozeri
		Quantum Computing with Trapped Ions I
15:15-16:00		Roe Ozeri
		Quantum Computing with Trapped Ions II
16:00-16:25		Coffee Break
16:30-17:15		Fernando Brandao
		Applications for near term quantum computers I
19:00-20:20		Dinner
20:30-22:00		Yakir Aharonov
		*To be confirmed

		WEDNESDAY, SEPTEMBER 25
07:00-08:30		Breakfast
09:00-09:45		Stephen Jordan
		Quantum Algorithms II
09:45-10:30		Stephen Jordan
		Quantum Algorithms III
10:30-10:55		Coffee Break
11:00-11:45		Dorit Aharonov
		Hamiltonian Complexity I
11:45-12:30		Dorit Aharonov
		Hamiltonian Complexity II
12:45-14:20		Lunch
14:30-15:15		Fernando Brandao
		Applications for near term quantum computers II
15:15-16:00		Fernando Brandao
		Applications for near term quantum computers III
16:00-16:25		Coffee Break
16:30-17:00		David Gershoni
		On Demand Source of Photonic Cluster States
17:05-17:35		Lev Vaidman
		Counterfactual Communication
19:00-20:30		Dinner

		THURSDAY, SEPTEMBER 26
07:00-08:30		Breakfast
09:00-09:45		Gil Refael
		From Tensor Networks to Quantum Dynamics
09:50-10:35		Dorit Aharonov
		Hamiltonian Complexity III
10:35-10:55		Coffee Break
11:00-11:45		Pedram Roushan
		Quantum Computing and Simulations with Superconducting Qubits I
11:50-12:20		Avi Peer
		The Speed Limit of Quantum Measurement (and what can be achieved if we break it...)
12:25-12:55		Dganit Meidan
		Heat Pumping from Braiding Majorana Zero Modes
12:55-14:20		Lunch
14:30-15:15		Jason Alicea
		Theory of Majorana-Based Topological Quantum Computing II
15:15-16:00		Jason Alicea
		Theory of Majorana-Based Topological Quantum Computing III
16:00-18:00		Poster Session
19:00-20:30		Dinner
20:30-22:00		Guest Lecture- Mr. Meir Shalev

		FRIDAY, SEPTEMBER 27
07:00-08:20		Breakfast & Check-Out
08:30-09:15		Pedram Roushan
		Quantum Computing and Simulations with Superconducting Qubits II
09:20-10:05		Pedram Roushan
		Quantum Computing and Simulations with Superconducting Qubits III
10:05-10:10		Coffee Break
10:15-11:00		Gil Refael
		Topological states in Floquet Systems