

	Quantum Computing
5 years goals	<p>Demonstrate:</p> <ul style="list-style-type: none"> ▪ Devices realizing quantum algorithms with up to 10 qubits ▪ Fault tolerant computing and error correction on small scale systems ▪ Distributed quantum algorithm ▪ Different classes of entangled states up to 10 qubits ▪ Quantum simulation that cannot be simulated classically

	Quantum Computing
10 years goals	<ul style="list-style-type: none"> ▪ Large dimension quantum memory ▪ Quantum algorithm with up to 50 qubits ▪ Quantum simulation of a key problem in science ▪ Quantum algorithm with fault tolerant error correction