

Week 1 Schedule

JULY 17 Monday	JULY 18 Tuesday	JULY 19 Wednesday	JULY 20 Thursday	JULY 21 Friday
9:00 AM EDT Global Summer School Welcome & Kickoff	9:00 AM EDT Quantum Circuits <i>Speaker: John Watrous</i>	9:00 AM EDT Entanglement in Action <i>Speaker: John Watrous</i>	9:00 AM EDT Quantum Query Algorithms <i>Speaker: John Watrous</i>	9:00 AM EDT Phase Estimation and Factoring <i>Speaker: John Watrous</i>
11:00 AM EDT Single Systems <i>Speaker: John Watrous</i>	11:00 AM EDT Lab 1: Qiskit 101 Abby Mitchell	11:00 AM EDT Lab 2: Creating Entanglement with Qiskit Nick Bronn	11:00 AM EDT Foundations of Quantum Algorithms <i>Speaker: John Watrous</i>	11:00 AM EDT Lab 3: Diving into Quantum Algorithms Kaelyn Ferris
1:00 PM EDT Multiple Systems <i>Speaker: John Watrous</i>	1:00 PM EDT Live Q&A Session with Abby Mitchell	1:00 PM EDT Live Q&A Session with Nick Bronn	1:00 PM EDT Live Q&A Session with Olivia Lanes & John Watrous	1:00 PM EDT Live Q&A Session with Kaelyn Ferris
3:00 PM EDT Live Q&A Session with Olivia Lanes & John Watrous				

Week 2 Schedule

JULY 24 Monday	JULY 25 Tuesday	JULY 26 Wednesday	JULY 27 Thursday	JULY 28 Friday
9:00 AM EDT Global Summer School Week 2 Kickoff	9:00 AM EDT Introduction to Quantum Noise Part 1 <i>Speaker: Zlatko Minev</i>	9:00 AM EDT Iterative Quantum Phase Estimation: Moving Beyond Traditional QPE <i>Speaker: Kaelyn Ferris</i>	9:00 AM EDT Noise Mitigation Part 1 <i>Speaker: Nick Bronn</i>	
11:00 AM EDT Quantum Computing Hardware and Super Conducting Circuits <i>Speaker: Olivia Lanes</i>	11:00 AM EDT Introduction to Quantum Noise Part 2 <i>Speaker: Zlatko Minev</i>	11:00 AM EDT Variational Quantum Eigensolver <i>Speaker: Omar Shehab</i>	11:00 AM EDT Noise Mitigation Part 2 <i>Speaker: Nick Bronn</i>	11:00 AM EDT Lab 6: Contributing to Qiskit Abby Mitchell
1:00 PM EDT Live Q&A Session with Olivia Lanes & John Watrous	4:00 PM EDT Live Q&A Session with John Watrous & Zlatko Minev	1:00 PM EDT Live Q&A Session with Omar Shehab	1:00 PM EDT Lab 5: Noise Mitigation Kevin Sung	1:30 PM EDT Closing Ceremony/ Panel <i>Speaker: All Lecturers</i>
		3:00 PM EDT Lab 4: Iterative Quantum Phase Estimation Kevin Sung	3:00 PM EDT Live Q&A Session with Kevin Sung	