

## Week 1 Schedule

JULY 17 Monday	JULY 18 Tuesday	JULY 19 Wednesday	JULY 20 Thursday	JULY 21 Friday
<b>9:00 AM EDT</b> Global Summer School Welcome & Kickoff	<b>9:00 AM EDT</b> Quantum Circuits <i>Speaker: John Watrous</i>	<b>9:00 AM EDT</b> Entanglement in Action <i>Speaker: John Watrous</i>	<b>9:00 AM EDT</b> Quantum Query Algorithms <i>Speaker: John Watrous</i>	<b>9:00 AM EDT</b> Phase Estimation and Factoring <i>Speaker: John Watrous</i>
<b>11:00 AM EDT</b> Single Systems <i>Speaker: John Watrous</i>	<b>11:00 AM EDT</b> Lab 1: Qiskit 101 Abby Mitchell	<b>11:00 AM EDT</b> Lab 2: Creating Entanglement with Qiskit Nick Bronn	<b>11:00 AM EDT</b> Foundations of Quantum Algorithms <i>Speaker: John Watrous</i>	<b>11:00 AM EDT</b> Lab 3: Diving into Quantum Algorithms Kaelyn Ferris
<b>1:00 PM EDT</b> Multiple Systems <i>Speaker: John Watrous</i>	<b>1:00 PM EDT</b> Live Q&A Session with Abby Mitchell	<b>1:00 PM EDT</b> Live Q&A Session with Nick Bronn	<b>1:00 PM EDT</b> Live Q&A Session with Olivia Lanes & John Watrous	<b>1:00 PM EDT</b> Live Q&A Session with Kaelyn Ferris
<b>3:00 PM EDT</b> 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
<b>9:00 AM EDT</b> Global Summer School Week 2 Kickoff	<b>9:00 AM EDT</b> Introduction to Quantum Noise Part 1 <i>Speaker: Zlatko Minev</i>	<b>9:00 AM EDT</b> Iterative Quantum Phase Estimation: Moving Beyond Traditional QPE <i>Speaker: Kaelyn Ferris</i>	<b>9:00 AM EDT</b> Noise Mitigation Part 1 <i>Speaker: Nick Bronn</i>	
<b>11:00 AM EDT</b> Quantum Computing Hardware and Super Conducting Circuits <i>Speaker: Olivia Lanes</i>	<b>11:00 AM EDT</b> Introduction to Quantum Noise Part 2 <i>Speaker: Zlatko Minev</i>	<b>11:00 AM EDT</b> Variational Quantum Eigensolver <i>Speaker: Omar Shehab</i>	<b>11:00 AM EDT</b> Noise Mitigation Part 2 <i>Speaker: Nick Bronn</i>	<b>11:00 AM EDT</b> Lab 6: Contributing to Qiskit Abby Mitchell
<b>1:00 PM EDT</b> Live Q&A Session with Olivia Lanes & John Watrous	<b>4:00 PM EDT</b> Live Q&A Session with John Watrous & Zlatko Minev	<b>1:00 PM EDT</b> Live Q&A Session with Omar Shehab	<b>1:00 PM EDT</b> Lab 5: Noise Mitigation Kevin Sung	<b>1:00 PM EDT</b> Closing Ceremony/ Panel <i>Speaker: All Lecturers</i>
		<b>3:00 PM EDT</b> Lab 4: Iterative Quantum Phase Estimation Kevin Sung	<b>3:00 PM EDT</b> Live Q&A Session with Kevin Sung	