As of June 7 subject to change.

Week 1

QEC Foundations

					Bosonic Code Foundations Programming QEC Decoders	:			
Time	Activity	Location/Roo	Mon	Tue	Wed	Thr	Fri	Sat	Sun
7:00AM - 8:55AM	Breakfast	m Biddle Mansion - Winter Palace/West Terrace	4	5	6	7 Breakfast	8	9	10
9:00AM - 10:30AM	Lecture 1	New York		QEC Foundations Steve Flammia, AWS	Programming QEC Decoders James Wootton, IBM Quantum	Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	QEC Foundations Steve Flammia, AWS	
10:30AM - 11:000AM	Morning Tea Break	Atrium Lobby				Morning Tea Break			
11:00AM - 12:30PM		New York		Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	QEC Foundations Steve Flammia, AWS	QEC Foundations Steve Flammia, AWS	Programming QEC Decoders James Wootton, IBM Quantum	Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	1
12:30PM - 1:25PM	Lunch	Biddle Mansion - Winter Palace/West Terrace				Lunch			
1:30PM - 2:00PM	-O&A Sessions	Sunnyside	Students Arrive	Q&A Session QEC Foundations Steve Flammia, AWS	Q&A Session Programming QEC Decoders James Wootton, IBM Quantum	Q&A Session Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	Q&A Session Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	Q&A Session QEC Foundations Steve Flammia, AWS	Study/Off
2:00PM - 2:30PM		Lyndhurst		Q&A Session Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	Q&A Session QEC Foundations Steve Flammia, AWS	Q&A Session QEC Foundations Steve Flammia, AWS	Q&A Session Programming QEC Decoders James Wootton, IBM Quantum	Q&A Session Bosonic Code Foundations Shruti Puri, Yale University Arne Grimsmo, AWS	Breakfast: 7:00AM - 9:30A Lunch: 12:00PM - 1:30PM Dinner: 6:00PM - 9:00PM
2:30PM - 4:30PM	Unstructured Time	N/A			1	Unstructured Time			-
4:30PM - 5:00PM	Open Problems,	New York		Hashnah wad Tiran	Unstructured Time –	Open Problems - Part I QEC Foundations Steve Flammia, AWS	Crazy Ideas Session — IDA Rules Drew Vandeth, IBM Quantum	Open Problems - Part II Bosonic Code Foundations Shruti Puri, Yale University	
5:00PM - 5:30PM	Student Talks, Crazy Ideas		York	Unstructured Time		Open Problems - Part I Bosonic Code Foundations Shruti Puri, Yale University		Open Problems - Part II QEC Foundations Steve Flammia, AWS	
5:30PM - 6:00PM	Unstructured Time	N/A				Unstructured Time			
6:00PM - 6:55PM		Biddle Mansion - Winter Palace/West Terrace	4th of July Event	Opening Dinner @ Mary Duke Ballroom	Dinner	Social Event: Women in Quantum Social	Din	ner _	
7:00PM - 8:00PM	Guest Lectures/Social Time	New York	@ West Terrace	Keynote Speaker, Daniel Gotesman Mary Duke	Guest Lecture Natalie Brown, Quantinuum	@ Carriage Room	Guest Lecture Liang Jiang, The University of Chicago	Unstructured Time	
8:00PM - 9:00PM	Social	Atrium Lobby		Speaker Social	Speaker Social		Speaker Social		

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Week 2

Fault Tolerance - Logistical Gates

					Experimental QEC - Bosonic Co Programming QEC Decoders				
Time	Activity	Location/Roo	Mon	Tue	Wed	Thr	Fri	Sat	Sun
		m Winter	11	12	13	14	15	16	17
7:00AM - 8:55AM	Breakfast	Palace/West Terrace			Breakfast	T		_	
9:00AM - 10:30AM		New York	Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Programming QEC Decoders James Wootton, IBM Quantum	Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University	Experimental QEC - Bosonic Codes Alec Eickbusch, Yale University Vladimir Sivak, Yale University	Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum		
10:30AM - 11:000AM	Morning Tea Break	Atrium Lobby			Morning Tea Break		I		
11:00AM - 12:30PM	Lecture 2	New York	Experimental QEC - Bosonic Codes Michel Devoret, Alec Eickbusch, & Vladimir Sivak, Yale University	Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Programming QEC Decoders James Wootton, IBM Quantum	Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University		
12:30PM - 1:25PM	Lunch	Winter Palace/West Terrace			Lunch				
1:30PM - 2:00PM		Sunnyside	Q&A Session Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Q&A Session Programming QEC Decoders James Wootton, IBM Quantum	Q&A Session Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University		Q&A Session Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	– Hudson River Cruise	
2:00PM - 2:30PM	-Q&A Sessions	Lyndhurst	Q&A Session Experimental QEC - Bosonic Codes Michel Devoret, Alec Eickbusch, & Vladimir Sivak, Yale University	Q&A Session Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Q&A Session Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Social Event: IBM Yorktown Lab Visit	Q&A Session Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University	@ 1:30PM Breakfast: 7:00AM - 9:30AM Lunch & Dinner: TBA	Study/Off Breakfast: 7:00AM - 9:30AM Lunch: 12:00PM - 1:30PM Dinner: 6:00PM - 9:00PM
2:30PM - 4:30PM	Unstructured Time	N/A		Unstructured Time			Unstructured Time		
4:30PM - 5:00PM		New York	Student Talks	Student Talks	Open Problems - Part I Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University		Open Problems - Part II Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum		
5:00PM - 5:30PM		New Fork	Student raiks	Student raiks	Open Problems - Part I Fault Tolerance - Logical Gates Ben Brown, IBM Quantum Daniel Litinski, PsiQuantum	Unstructured Time	Open Problems - Part II Experimental QEC - Bosonic Codes Alec Eickbusch & Vladimir Sivak, Yale University		
5:30PM - 6:00PM	Unstructured Time	N/A		•	Unstructured Time				
6:00PM - 6:55PM		Winter Palace/West Terrace			Dinner				
7:00PM - 8:00PM	Guest Lectures/Social Time	New York	Guest Lecture Chen Wang, UMass Amherst	Unstructured Time	Guest Lecture TBD	Unstructured Time	Guest Lecture Guanyu Zhu, IBM Quantum		
8:00PM - 9:00PM		Atrium Lobby	Speaker Social		Speaker Social		Speaker Social	1	

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Week 3

QEC Decoding
Experimental QEC - Trapped Ions
Programming QEC Simulations

					Experimental QEC - Trapped Io Programming QEC Simulation				
Time	Activity	Location/Roo	Mon	Tue	Wed	Thr	Fri	Sat	Sun
7:00AM - 8:55AM		Winter Palace/West Terrace	18	19	20 Breakfast	21	22	23	24
9:00AM - 10:30AM	Lecture 1	New York	QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Programming QEC Simulations Andrew Cross, IBM Quantum	Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS		
	Morning Tea Break	Atrium Lobby		1	Morning Tea Break	1			
11:00AM - 12:30PM		New York	Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Programming QEC Simulations Andrew Cross, IBM Quantum	Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum		
12:30PM - 1:25PM	Lunch	Winter Palace/West Terrace		1	Lunch	1			
1:30PM - 2:00PM	Q&A Sessions	Sunnyside	Q&A Session QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Q&A Session Programming QEC Simulations Andrew Cross, IBM Quantum	Q&A Session Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Q&A Session Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Q&A Session QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS		
2:00PM - 2:30PM	QAA SESSIOIIS	Lyndhurst	Q&A Session Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Q&A Session QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Q&A Session QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Q&A Session Programming QEC Simulations Andrew Cross, IBM Quantum	Q&A Session Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Social Event TBA Breakfast: 7:00AM - 9:30AM Lunch & Dinner: TBA	Study/Off Breakfast: 7:00AM - 9:30AM Lunch: 12:00PM - 1:30PM Dinner: 6:00PM - 9:00PM
2:30PM - 4:30PM	Unstructured Time	N/A		•	Unstructured Time	•	•		
	Open Problems,	ben oblems, udent Talks, <i>New York</i> Student Talks Stu	Many Verdi	Student Talks	Open Problems - Part I Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum	Crazy Ideas Session	Open Problems - Part II QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS		
	Student Talks, Crazy Ideas		Student rains	Open Problems - Part I QEC Decoding Christopher Chubb, ETH Zurich Earl Campbell, AWS	Crazy Tueas Session	Open Problems - Part II Experimental QEC - Trapped Ions Ken Brown, Duke University Ciaran Ryan-Anderson, Quantinuum			
5:30PM - 6:00PM	Unstructured Time	N/A			Unstructured Time				
6:00PM - 6:55PM		Winter Palace/West Terrace		Dinner		Social Event: Diversity Panel @ Mary Duke Ballroom	Dinner		
7:00PM - 8:00PM	Guest Lectures/Social Time	New York	Guest Lecture Aleksander Kubica, AWS	Unstructured Time	Guest Lecture Michael Vasmer Perimeter Institute	Dinner	Guest Lecture Leo DiCarlo QuTech		
8:00PM - 9:00PM	Social	Atrium Lobby	Speaker Social		Speaker Social	Unstructured Time	Speaker Social		

As of June 7 subject to change.

Week 4

LDPC Codes
Experimental OFC - Super-

Time Activity Localion/Roo Man Tue Wed Thr Fri Sat 7:00AM - 8:55AM Breakfast 8:00AM - 8:50AM Breakfast 8:00AM - 9:30AM Breakfast 8:00AM Breakfast 8:00AM - 9:30AM Breakfast 8:00AM Breakfast	Sun 31
7:00AM - 8:55AM Breakfast Polacy West Polacy West Terrace 9:00AM - 10:30AM Lecture 1 New York New York	31
9:00AM - 10:30AM Lecture 1 New York Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft New York Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft New York Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft New York Superconducting Qubits Maika Takita & Antonio Corcoles, IBM Quantum Andreas Wallraff, ETH Zurich 11:00AM - 12:30PM Lecture 2 New York Superconducting Qubits Superconducting Qubits Superconducting Qubits Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Nikolas Breuc	
Experimental QEC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich	
Lecture 2 New York Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich 12:30PM - 1:25PM Lunch Winter Palace/West Terrace Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Lunch Lunch Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Lunch Lunch Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Lunch Lunch Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Andrew Cross, IBM Quantum Andreas Wallraff, ETH Zurich Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Andrew Cross, IBM Quantum Andreas Wallraff, ETH Zurich Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Q&A Session Experimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreav Cross, IBM Quantum Andreas Wallraff, ETH Zurich Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreav Cross, IBM Quantum Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreav Cross, IBM Quantum Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreav Cross, IBM Quantum Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreas Wallraff, ETH Zurich Nicolas Delfosse, Microsoft Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreas Wallraff, ETH Zurich Nicolas Delfosse, Microsoft Andreas Wallraff, ETH Zurich Andreas Wallraff, ETH Zurich Nicolas Delfosse, Microsoft Andreas Wallraff, ETH Zurich Andreas Wall	
1:30PM - 1:25PM Lunch Palace/West Terrace Q&A Session LDPC Codes Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Paperimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Paperimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Programming QEC Simulations Andreas Wallraff, ETH Zurich Programming QEC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Nikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Nikolas Breuckmann, UCL Nicolas Delfosse	
1:30PM - 2:00PM Sunnyside Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Mikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Social Event: IBM Research BBQ at Yorktown Date TBC Q&A Session Experimental QEC - Superconducting Qubits Mikolas Breuckmann, UCL Nicolas Delfosse, Microsoft Social Event: IBM Research BBQ at Yorktown Date TBC Q&A Session Experimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Social Event: IBM Research BBQ at Yorktown Date TBC Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich	I
2:00PM - 2:30PM Lyndhurst Lyndh	Students Depart Breakfast: 7:00AM - 9:30AM
	I
4:30PM - 5:00PM Open Problems - Part I Experimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich New York Student Talks Student Talks Open Problems - Part II Experimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich Crazy Ideas Session	
Student Talks, Crazy Ideas Student Talks, Crazy Ideas Student Talks Open Problems - Part II Experimental QEC - Superconducting Qubits Maika Takita & Antonio Córcoles, IBM Quantum Andreas Wallraff, ETH Zurich	
5:30PM - 6:00PM Unstructured Time N/A Unstructured Time	I
6:00PM - 6:55PM Dinner Winter Palace/West Dinner Closing Dinner @ Mary Duke Ballroom	
Guest Guest Lecture 7:00PM - 8:00PM Lectures/Social Time Guest Lecture Anirudh Krishna, Stanford University Unstructured Time Guest Lecture, Ted Yoder, IBM Quantum Unstructured Time Guest Lecture, Ted Yoder, IBM Quantum Unstructured Time Guest Lecture, Ted Yoder, IBM Quantum Unstructured Time Focial Event TBA F	ı
8:00PM - 9:00PM Social Atrium Lobby Speaker Social Speaker Social Speaker Social Speaker Social	