

Last Frontiers in Quantum Information 2016

Juneau, AK

	Monday, June 20, 16	Tuesday, June 21, 16	Wednesday, June 22, 16	Thursday, June 23, 16	Friday, June 24, 16
Time	Talks	Talks ₂	Outings & Expeditions	Talks ₃	Talks ₄
9:15-10:15	Gavin Brennan <i>Constructive bulk/boundary correspondence</i>	Chris Wood <i>Quantum Plumbing: Gate characterization and optimization in the presence of leakage</i>	Hikes, adventures, etc.	<i>Recuperation / Analgesics</i>	Sarah Kaiser <i>Towards satellite-based quantum communication: field testing the QEYSSAT payload</i>
10:15-10:45	<i>Break (30min)</i>	<i>Break (30min)</i>	...	<i>Break (30min)</i>	<i>Break (30min)</i>
10:45-11:45	Chris Ferrie <i>Green sampling: reusing random numbers in Monte Carlo simulations for the win</i>	Steven van Enk <i>SPAM tomography</i>	...	Shelby Kimmel <i>Turning States Into Unitaries: Optimal Sample-Based Hamiltonian Simulation</i>	Richard Kueng <i>The Clifford group fails gracefully to be a unitary 4-design</i>
11:45-1:45	<i>Lunch (2h)</i>	<i>Lunch (2h)</i>	...	<i>Lunch (2h)</i>	<i>Lunch (2h)</i>
1:45-2:45	Chris Granade <i>QInfer: Bayesian inference for quantum info</i>	Robin Blume-Kohout <i>It's "non-Markovian" iff it's not Markovian</i>	...	Gemma de las Cuevas <i>Simple universal models capture all classical spin physics</i>	Tom Stace <i>Foliated quantum codes, with a chance of anyonic time</i>
2:45-3:00	<i>Break (15min)</i>	<i>Break (15min)</i>		<i>Break (15min)</i>	<i>Break (15min)</i>
3:00-4:00	Leigh Norris <i>Spectroscopy of quantum & classical baths</i>	Travis Scholten <i>Tomographing quantum state tomography</i>	...	Steve Flammia <i>Detecting topological order via ribbon operators</i>	Angela Karanjai <i>Contextuality in qubit stabilizers</i>
4:00-4:15	<i>Break (15min)</i>	<i>Break (15min)</i>	...	<i>Break (15min)</i>	<i>Break (15min)</i>
4:15-5:15	Discussion: Diversity in physics (<i>instigator: Chris Granade</i>)	Discussion: Bayesianism in QIS (<i>instigators: S. J. van Enk & C. S. Ferrie</i>)	...	Discussion: Utility of Experiments (<i>instigators: Josh Combes</i>)	Discussions (various topics)
5:15-8:00	<i>Creativity, beer, recreation</i>	<i>Creativity, beer, recreation</i>	...	<i>Creativity, beer, recreation</i>	<i>Dinner</i>
8:00-10:00	Dinner (more or less)	Dinner (more or less)	Dinner (more or less)	Banquet @ Gold Creek Salmon Bake	
10:00pm - 9:15am	Drinking & talking s*** about physics	Drinking & talking s*** about physics	Recovery	Drinking & talking s*** about physics	