

	Thursday	Friday	Saturday
10:00 – 10:30		Coffee	Zeier
10:30 – 11:00	Coffee	Van den Nest	
11:00 – 11:30			Coffee
11:30 – 12:00	Kraus	Discussion/Lunch	Toth
12:00 – 12:30			
12:30 – 13:00	Lunch and discussion time		Browne
13:00 – 13:30			
13:30 – 14:00		Harrow	
14:00 – 14:30			
14:30 – 15:00	Gross	Montanaro	
15:00 – 15:30			
15:30 – 16:00	Christandl	Coffee	
16:00 – 16:30		Flammia	
16:30 – 17:00	Coffee		
17:00 – 17:30	Osborne	Renes	
17:30 – 18:00			
18:00 – 18:30	Schuch		
18:30 – 19:00			

Thursday

Christina Kraus: Simulation Methods for Fermionic Lattice Systems: A Quantum Information Approach

David Gross: TBA

Matthias Christandl: Faithful Squashed Entanglement

Tobias Osborne: The variational principle and quantum field theory.

Norbert Schuch: Understanding quantum phases using Matrix Product States and PEPS

Friday

Maarten Van den Nest: Matchgate computations and linear threshold gates

Dan Browne: Classical Correlations, Bell inequalities, Linearity and Loopholes

Aram Harrow: A test for product states, with application to multiple-prover Merlin-Arthur games

Ashley Montanaro: A new exponential separation between quantum and classical one-way communication complexity

Steve Flammia: Quantum double models from two-body local Hamiltonians

Joe Renes: Holonomic quantum computing using symmetry-protected topological order

Saturday

Robert Zeier: Taming the zoo of dynamical quantum systems

Geza Toth: Generalized spin squeezing of unpolarized atomic ensembles and its modeling with Gaussian states