

## Contextuality: why and how

Monday August 24th		
Session 1, Chair: J.-Å. Larsson		
9:00		Opening
9:15	A. Stairs	Explaining Probability?
10:00	I. Bengtsson	Kochen-Specker sets and $t$ -designs
10:30	Coffee and discussions	
Session 2, Chair: A. Grinbaum		
11:00	M. Pusey	An invitation to generalised contextuality
11:45	C. Budroni	Necessary and sufficient condition for quantum state-independent contextuality
12:15	Lunch and discussions	
Session 3, Chair: I. Bengtsson		
14:30	M. Kleinmann	Quantum measurements with more than two outcomes: Mathematical freedom meets Nature
15:15	N. Johansson	Efficient classical algorithms for both the Deutsch-Jozsa and Simon's problem
15:45	Coffee and discussions	
19:00	Conference Dinner: Kräftskiva!	

Tuesday August 25th		
Session 4, Chair: A. Cabello		
9:00	A. Grinbaum	Quantum theory as a critical regime of language dynamics
9:45	G. Chiribella	Contextuality and the fundamental sharpness of measurements
10:30	Coffee and discussions	
Session 5, Chair: M. Mueller		
11:00	A. Khrennikov	Unconditional quantum correlations do not violate Bell's inequality
11:45	A. Asadian	Contextuality and nonlocality in phase space
12:15	Lunch and discussions	
Session 6, Chair: A. Stairs		
14:00	O. Gühne	Quantum steering
14:45	N. Miklin	Multipartite entanglement as an emergent phenomenon
15:15	Coffee and discussions	
Session 7, Chair: M. Pusey		
15:45	M. Bourennanne	Experimental Measurement-Device-Independent Entanglement Detection
16:30	I. Nordin	Problems of the Copenhagenian view on quantum measurements from a philosophical perspective
17:00	Probably more discussions	

Wednesday August 26th		
Session 8, Chair: O. Gühne		
9:00	M. Mueller	Consistent exclusivity and interference in probabilistic theories
9:45	P. Harrysson	Memory cost of quantum contextuality in qubit systems
10:15	Coffee and discussions	
Session 9, Chair: G. Chiribella		
10:45	A. Cabello	The physical meaning of quantum contextuality
11:30	M. Gachechiladze	Extreme violation of local realism in hypergraph states
12:00	Concluding remarks, followed by lunch and discussions	
13:30	Suggested excursion: Boat ride on Göta Kanal	