CTIC Workshop
Quantum Cryptography and Quantum Information

Sponsored by:
CTIC 交互计算

	Monday 19 October	Tuesday 20 October	Wednesday 21 October	Thursday 22 October
TIME				
9:50-10:00	Welcome by Ivan Damgård Aarhus University			
10:00-11.00	**Eugene Simon Polzik** University of Copenhagen *Photonic Network with Room Temperature Atomic Memories*	**Christian Schaffner** University of Amsterdam TBA	**Xiao Yuan** Tsinghua University Intrinsic Randomness as a Measure of Quantum Coherence	**Serge Fehr** CWI *On the Compostiton of Two-Prover Commitments, and Applications to Multi-Round Relatvistic Commitments*
11:00-12.00	**Michael Drewsen** Aarhus University *Coulomb Crystallized Ions as Basis For Quantum Information Technology*	**Man Hong Yung** Tsinghua University *One-Shot Detection Limits of Quantum Illumination*	**Louis Salvail** Université de Montréal *Adaptive Versus Non-Adaptive Strategies in the Quantum Setting with Applications*	**Claude Crépeau** Université de Montréal Local, Entangled and Non-Signaling Zero-Knowledge Multi-Prover Interactive Proofs
12.00-13.30	*Lunch (lunch is on your own)*	*Lunch (lunch is on your own)*	*Lunch (lunch is on your own)*	*Lunch (lunch is on your own)*
13:30-14.30	**Xiongfeng Ma** Tsinghua University Security analysis for round-robin differential-phase-shift quantum key distribution	**Gorjan Alagic** University of Copenhagen Quantum Obfuscation	**Samuel Ranelucci** Aarhus University *Trivial Proofs about Quantum Mechanics from Simple Axioms*	**Xun Gao** Tsinghua University *Complexity of Counting Schmidt Number in Many-body System*
14.30-15.00	*Break*	*Break*	*Break*	*Break*
15:00-16.00	**Stephanie Wehner** QuTech TBA	**Ulrik Lund Andersen** Technical University of Denmark *New Schemes for Continuous Variable Quantum Key Distribution*	**Matthias Christandl** University of Copenhagen *Limitations on Quantum Key Repeaters*	**Felipe Lacerda** Aarhus University *Classical Leakage Resillience from Quantum Fault Tolerance*
16:00-17.00		**Frederic Dupuis** Masaryk University Entropy accumulation	**Ivan Damgård** Aarhus University TBA	Goodbye