



# Quantum Information Processing 2023

## Thursday, 9 February 2023

### Parallel 7B - Auditorium 2 (15:30 - 18:00)

time	[id] title	presenter
15:30	[288] Long-range entanglement from finite-depth circuits and measurements: from theory to quantum devices	NATHANAN TANTIVASADAKARN, RYAN THORNGREN, RUBEN VERRESEN AND ASHVIN VISHWANATH.
16:00	[289] Topological phases of unitary dynamics: Classification in Clifford category	JEONGWAN HAAH.
16:30	[290] Dualities in one-dimensional quantum lattice models: symmetric Hamiltonians and matrix product operator intertwiners	LAURENS LOOTENS, CLEMENT DELCAMP, GERARDO ORTIZ AND FRANK VERSTRAETE.
17:00	[291] Universal lower bound on topological entanglement entropy	ISAAC KIM, MICHAEL LEVIN, TING-CHUN LIN, DANIEL RANARD AND BOWEN SHI.
17:30	[292] Entanglement area law for 1D gauge theories and bosonic systems	NILIN ABRAHAMSEN, NING BAO, YUAN SU, YU TONG AND NATHAN WIEBE.