



# Quantum Information Processing 2023

## Tuesday, 7 February 2023

### Parallel 4A - Auditorium 5 (15:30 - 17:30)

time	[id] title	presenter
15:30	[251] Optimizing quantum circuit parameters via SDP -- merged with -- An Improved Approximation Algorithm for Quantum Max-Cut	EUNOU LEE. + ROBBIE KING.
16:00	[252] Unique Games hardness of Quantum Max-Cut, and a conjectured vector-valued Borell's inequality	YEONGWOO HWANG, JOE NEEMAN, OJAS PAREKH, KEVIN THOMPSON AND JOHN WRIGHT.
16:30	[253] Matchgate Shadows for Fermionic Quantum Simulation	KIANNA WAN, WILLIAM J. HUGGINS, JOONHO LEE AND RYAN BABBUSH.
17:00	[254] Classical shadows of fermions with particle number symmetry	GUANG HAO LOW.