

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 1A

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Monday 6 February

13:30

Parallel 1A: Session 1A

Session | **Location:** Blandijn, Auditorium 5, Blandijnberg 9000, 9000 Gent

13:30–13:55

Limitations of VQAs: a quantum optimal transport approach

Speaker

Daniel Stilck França, Cambyse Rouze, Giacomo De Palma and Milad Marvian.

14:00–14:25

A Convergence Theory for Over-parameterized Variational Quantum Eigensolvers

Speaker

Xuchen You, Shouvanik Chakrabarti, Boyang Chen and Xiaodi Wu.

14:30–14:55

Solving boolean satisfiability problems with the quantum approximate optimization algorithm

Speaker

Sami Boulebnane and Ashley Montanaro.

15:00