

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 8A

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Friday 10 February

13:30

Parallel 8A

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

13:30–13:55

Breaking the cubic barrier in the Solovay-Kitaev algorithm

Speaker

Greg Kuperberg.

14:00–14:25

Shorter Quantum Circuits via Single-Qubit Gate Approximation

Speaker

Romy Minko, Adam Paetznick, Vadym Kliuchnikov, Kristin Lauter and Christophe Petit.

14:30–14:55

Quantum algorithms from fluctuation theorems: Thermal-state preparation

Speaker

Zoe Holmes, Gopikrishnan Muraleedharan, Yigit Subasi, Rolando Somma and Burak Sahinoglu.

15:00