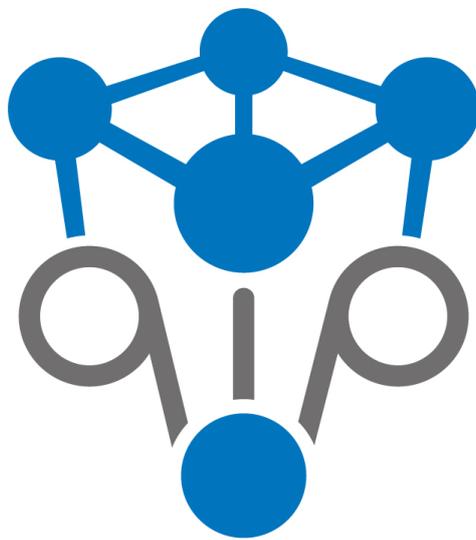


Session Program

4-10 Feb 2023



GHENT | 2 0 2 3

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