

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 9C

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Friday 10 February

15:30

Parallel 9C

Session | **Location:** Blandijn, Auditorium 3, Blandijnberg 9000, 9000 Gent

15:30–15:55

Optimal time-periodic Hamiltonian simulation

Speaker

Kaoru Mizuta and Keisuke Fujii.

16:00–16:25

A subpolynomial-time algorithm for the free energy of one-dimensional quantum systems in the thermodynamic limit

Speaker

Hamza Fawzi, Omar Fawzi and Samuel Scalet.

16:30–16:55

Optimizing sparse fermionic Hamiltonians

Speaker

Yaroslav Herasymenko, Maarten Stroeks, Jonas Helsen and Barbara Terhal.

17:00–17:25

Circuit complexity and classical simulation of Many-Body Localized Systems

Speaker

Adam Ehrenberg, Abhinav Deshpande, Christopher L. Baldwin, Dmitry A. Abanin and Alexey V. Gorshkov.

17:30