

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 5A

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Wednesday 8 February

13:30

Parallel 5A

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

13:30–13:55

A Sublinear-Time Quantum Algorithm for Approximating Partition Functions

Speaker

Arjan Cornelissen and Yassine Hamoudi.

14:00–14:25

Quantum Algorithms for Sampling Log-Concave Distributions and Estimating Normalizing Constants

Speaker

Andrew M. Childs, Tongyang Li, Jin-Peng Liu, Chunhao Wang and Ruizhe Zhang.

14:30–14:55

Improved Quantum Speedups for Zero-Sum Games via Dynamic Gibbs Sampling

Speaker

Adam Bouland, Yosheb Getachew, Yujia Jin, Aaron Sidford and Kevin Tian.

15:00