

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 2A

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Monday 6 February

15:30

Parallel 2A

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

15:30–15:55

Quantum tomography using state-preparation unitaries

Speaker

Joran van Apeldoorn, Arjan Cornelissen, Andras Gilyen and Giacomo Nannicini.

16:00–16:25

A Complete Hierarchy of Linear Systems for Certifying Quantum Entanglement of Subspaces

Speaker

Nathaniel Johnston, Benjamin Lovitz and Aravindan Vijayaraghavan.

16:30–16:55

Quantum Subroutine Composition

Speaker

Stacey Jeffery.

17:00–17:25

Quantum Worst-Case to Average-Case Reductions for All Linear Problems

Speaker

Vahid Asadi, Alexander Golovnev, Tom Gur, Igor Shinkar and Sathyawageeswar Subramanian.

17:30