

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 4C

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Tuesday 7 February

15:30

Parallel 4C

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

15:30–15:55

Quantum networks self-test all entangled states

Speaker

Ivan Supic, Joseph Bowles, Marc-Olivier Renou, Matty Hoban and Antonio Acin.

16:00–16:25

Universal trade-off structure between symmetry, irreversibility and quantum coherence for quantum processes

Speaker

Hiroyasu Tajima, Ryuji Takagi, Yui Kuramochi and Keiji Saito.

16:30–16:55

Why interference phenomena do not capture the essence of quantum theory

Speaker

Lorenzo Catani, Matthew Leifer, David Schmid and Robert Spekkens.

17:00–17:25

Simulating qubit correlations with classical communication

Speaker

Martin Johannes Renner, Armin Tavakoli and Marco Túlio Quintino.

17:30