

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 8B

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Friday 10 February

13:30

Parallel 8B

Session | **Location:** Blandijn, Auditorium 2, Blandijnberg 9000, 9000 Gent

13:30–13:55

Quantifying Quantum Advantage in Topological Data Analysis

Speaker

Dominic Berry, Yuan Su, Casper Gyurik, Robbie King, Joao Basso, Alexander Barba, Abhishek Rajput, Nathan Wiebe, Vedran Dunjko and Ryan Babbush.

14:00–14:25

A streamlined quantum algorithm for topological data analysis with exponentially fewer qubits

Speaker

Sam McArdle, András Gilyén and Mario Berta.

14:30