

## **Session Program**

**4-10 Feb 2023**



# **Quantum Information Processing 2023**

## ***Parallel 3B***

Ghent University, UFO  
Sint-Pietersnieuwstraat 33, 9000 Gent

## Tuesday 7 February

13:30

### Parallel 3B

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

13:30–13:55

#### Exponentially tighter bounds on error mitigation: hardness at $\log \log (n)$ depth

**Speaker**

Yihui Quek, Daniel Stilck Franca, Sumeet Khatri, Johannes Jakob Meyer and Jens Eisert.

14:00–14:25

#### Pauli topological codes from Abelian anyon theories

**Speaker**

Tyler Ellison, Yu-An Chen, Arpit Dua, Wilbur Shirley, Nathanan Tantivasadakarn and Dominic Williamson.

14:30–14:55

#### Long-range data transmission in a fault-tolerant quantum bus architecture

**Speaker**

Shin Ho Choe and Robert Koenig.

15:00