

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 2C

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Monday 6 February

15:30

Parallel 2C

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

15:30–15:55

Tight Bounds for Quantum State Certification with Incoherent Measurements -- merged with -- Tight Bounds for State Tomography with Incoherent Measurements

Speaker

Sitan Chen, Brice Huang, Jerry Li and Allen Liu. + Sitan Chen, Brice Huang, Jerry Li, Allen Liu and Mark Sellke.

16:00–16:25

Quantum Talagrand, KKL and Friedgut's theorems and the learnability of quantum observables

Speaker

Cambyse Rouzé, Melchior Wirth and Haonan Zhang.

16:30–16:55

Learning to predict arbitrary quantum processes

Speaker

Hsin-Yuan Huang, Sitan Chen and John Preskill.

17:00–17:25

Learning beyond Cliffords: circuits and states

Speaker

Srinivasan Arunachalam, Sergey Bravyi, Hao-Chung Cheng, Arkopal Dutt, Ching-Yi Lai and Ted Yoder.

17:30