

Session Program

4-10 Feb 2023



Quantum Information Processing 2023

Parallel 6B

Ghent University, UFO
Sint-Pietersnieuwstraat 33, 9000 Gent

Thursday 9 February

13:30

Parallel 6B

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

13:30–13:55

From the Hardness of Detecting Superpositions to Cryptography: Quantum Public Key Encryption and Commitments

Speaker

Minki Hhan, Tomoyuki Morimae and Takashi Yamakawa.

14:00–14:25

Commitments to Quantum States

Speaker

Sam Gunn, Nathan Ju, Fermi Ma and Mark Zhandry.

14:30–14:55

Post-Quantum Zero Knowledge, Revisited (or: How to Do Quantum Rewinding Undetectably)

Speaker

Alex Lombardi, Fermi Ma and Nicholas Spooner.

15:00