Session Program

7–11 Dec 2026



26th Australian Institute of Physics Congress and the Australian and New Zealand Conference on Optics and Photonics

AIP QST: Error-correction frameworks & stabilizer simulation

The University of Sydney , Belinda Hutchinson Building
Abercrombie St & Codrington St NSW 2008

Wednesday 9 December

14:30

AIP QST: Error-correction frameworks & stabilizer simulation

Session |
Location: The University of Sydney , Belinda Hutchinson Building, Abercrombie St & Codrington St NSW 2008

14:30–14:45

Ising on the donut: Regimes of topological quantum error correction from statistical mechanics

Speaker
Lucas English

14:45–15:00

Unraveling the Magic: A Classical Simulation Algorithm for Noisy Clifford Plus T Circuits

Speaker
Hakop Pashayan

15:00–15:15

The Maximal Local Stabilizer Projector Problem and Applications in Classical Simulation of Clifford Plus T Circuits

Speaker
Hakop Pashayan

15:30