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: Quantum communication & information security

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

Tuesday 8 December

16:30

AIP QST: Quantum communication & information security

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

16:30–16:45

Tomography of single-photon entangled states for entanglement distribution

Speaker
Ewan Mer

16:45–17:00

Continuous variable quantum key distribution through a free space fading channel with minimal information leakage

Speaker
Josephine Dias

17:00–17:15

Efficient Multi-Domain Anomaly Detection in Quantum Key Distribution

Speaker
bo yang

17:15–17:30

Low-Latency Direct Secure Quantum Communication Using Squeezed States

Speaker
Dr Jiayi Qin

17:30–17:45

Distributed quantum anonymous voting using novel Gaussian direct secure communications

Speaker
Nicholas Zaunders

17:45–18:00

Toward Logical Q-PUFs for Trustworthy Quantum Information Systems

Speaker
Behnam Tonekaboni

18:00