Session Program

7–11 Dec 2026



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

ANZCOP: Qubits, Devices & Quantum Control

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

Monday 7 December

11:30

ANZCOP: Qubits, Devices & Quantum Control

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

11:30–12:00

Free-space optical-frequency comparison between moving optical clocks

Speaker
Sascha Schediwy

12:00–12:15

Surface participation loss in fluxonium qubits

Speaker
Alex Ryan

12:15–12:30

Dynamic stimulated emission for deterministic addition and subtraction of propagating photons

Speaker
Jacky Luo

12:30–12:45

End-to-end fault-tolerant compilation and resource estimation of Shor's algorithm

Speaker
Madhav Krishnan Vijayan

13:00