Session Program

7–11 Dec 2026



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

ANZCOP: Integrated Nonlinear & Quantum Photonics

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

Wednesday 9 December

16:00

ANZCOP: Integrated Nonlinear & Quantum Photonics

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

16:00–16:30

Photonic Integrated Lasers and Photonics for Atomic Quantum Sciences and Precision Applications

Speaker
Prof. Daniel Blumenthal

16:30–16:45

Integration of periodically poled thin-film lithium tantalate and electro-optic modulators for on-chip photonic neural networks

Speaker
Jan Brandes

16:45–17:00

Performance of miniaturised vapour cells in a two-colour optical rubidium clock

Speaker
Hannes Griesser

17:00–17:15

Long-lifetime Repetition-rate-locked Soliton Crystal Microcomb

Speaker
Dr Toby Mitchell

17:15–17:30

Multidimensional Brillouin–Kerr Frequency Combs in Surface Nanoscale Axial Photonic Resonators

Speaker
Lewis Hill

17:30