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 Lasers & Quantum Photonics

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

Thursday 10 December

11:00

ANZCOP: Integrated Lasers & Quantum Photonics

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

11:00–11:30 **Integrated, on-chip, semiconductor lasers at sub-micron wavelengths**

Speaker
Nima Nader

11:30–11:45

Chip-scale optomechanical magnetometers towards practical magnetic sensing

Speaker
Benjamin Carey

11:45–12:00

Hybrid Vaterite-Nanodiamond Probes for Combined Optical Trapping and Quantum Sensing

Speaker
Mark Watson

12:00–12:15

Modelling and Analysis of Semiconductor Lasers Subject to Fibre Bragg Grating Feedback

Speaker
Joe Steele

12:15–12:30

Frequency modulated photonic chip laser: suppression of residual amplitude modulation using integrated amplifier

Speaker
Scott Bailey

12:30