Session Program

7–11 Dec 2026



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

ANZCOP: Precision Lasers, Detectors & Optical Systems

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

Wednesday 9 December

11:00

ANZCOP: Precision Lasers, Detectors & Optical Systems

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

11:00–11:30 **Quantum noise in current and future gravitational-wave detectors**

Speaker
Georgia Mansell

11:30–11:45

The Large Fiber Array Spectroscopic Telescope: trade-off study of high-resolution spectrometer architectures

Speaker
Zsombor Antal

11:45–12:00

Development of Monolithically Integrated Superconducting Nanowire Single Photon Detectors

Speaker
Dr Alison Goldingay

12:00–12:15

A Novel Arm-Length-Stabilization Scheme for Gravitational Wave Detectors Using AlGaAs/GaAs Coating

Speaker
Dr JIAN LIU

12:15–12:30 **Phase-locked dual soliton crystal microcombs**

Speaker
Dr Chawaphon Prayoonyong

12:30