**Session Program**

**7–11 Dec 2026**




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

## *ANZCOP: Quantum Light, Control & Squeezing*

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

# Wednesday 9 December

11:00

## ANZCOP: Quantum Light, Control & Squeezing

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

11:00–11:30 **Orchestrating nanomechanical motion with light**

**Speaker**
Jesse Slim

11:30–11:45
**Dual quadrature readout of a waveguide based two mode squeezed light source**

**Speaker**
Chathura Bandutunga

11:45–12:00
**Pulsed driving of spin systems as deterministic sources of quantum states of light**

**Speaker**
Rory Robertson

12:00–12:15
**Towards the Generation of Quantum Light with Exciton-Polariton Bose-Einstein Condensates**

**Speaker**
Sheil Sequeira

12:15–12:30
**Measuring Bosonic Observables via Bosonic Quantum Signal Processing**

**Speaker**
Teerawat Chalermpusitarak

12:30