Session Program

7–11 Dec 2026



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

ANZCOP: Optical Communications & Signal Processing

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

Monday 7 December

15:45

ANZCOP: Optical Communications & Signal Processing

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

15:45–16:15

MHz-Resolution Terahertz Near-Field Mapping for High-Quality Resonators

Speaker
Dominik Vogt

16:15–16:30

An Update on the Pyxis/SEIRIOS Inter-spacecraft Metrology System

Speaker
Anika Chan

16:30–16:45

Inverse Terahertz Reflection Analysis of Hydration-Dependent Permittivity and Thickness in Soft Contact Lenses

Speaker
Daniel Tobar

16:45–17:00

Developing Concepts for a Relay Network to Support Optical Communications in Cislunar Space

Speaker
Jackie Scholes

17:00–17:15

Towards a flight-ready Scale Factor Unit for space-based laser interferometric missions

Speaker
Emily Rose Rees

17:15