Session Program

7–11 Dec 2026



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

ANZCOP: Structured Light, Advanced Imaging & Optical Computing

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

Wednesday 9 December

11:00

ANZCOP: Structured Light, Advanced Imaging & Optical Computing

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

11:00–11:30 **Tunable Structured Lasers over the Full Spatial-Mode Spectrum**

Speaker
Quan Sheng

11:30–11:45
Characterisation of a six mode selective photonic lantern for displacement sensing of a trapped nanoparticle.

Speaker
Benjamin Field

11:45–12:00
Reconstruction of Objects in Diffuse Media Using Red and Near-Infrared Optical Tomography

Speaker
Catherine Merx

12:00–12:15
XRD and XRF technology developed for Real-time Monitoring of Slurry Mineralogy and Elemental Content

Speaker
Khushi Daga

12:15–12:30
Dynamic optical transfer functions for computational neuromorphic imaging and their application

Speaker
Prof. Gregory Cohen

12:30