Session Program

7–11 Dec 2026



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

ANZCOP: Nanophotonic Biosensing

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

Tuesday 8 December

16:30

ANZCOP: Nanophotonic Biosensing

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

16:30–17:00 **Transforming Tiny Microscale Lasers into Smart Biomedical Sensors**

Speaker
Yu-Cheng Chen

17:00–17:15 **Selective Photon Collection Enhances Depth-Resolved Contrast**

Speaker
Prof. Alexandre Douplik

17:15–17:30
Optimising Repetition Rate in Two-Photon Light-Sheet Fluorescence Microscopy for Enhanced Signal Efficiency and Reduced Photodamage

Speaker
Bailey Hoare

17:30–17:45
Miniaturised 3D-printed Dual-fibre Optical Coherence Tomography Probe

Speaker
Yujia Kong

17:45–18:00
Probing Structural Order in p53 Aggregates by Second Harmonic Generation

Speaker
Yunqian Zou

18:00