Session Program

7–11 Dec 2026



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

ANZCOP: Laser Technologies, Photonic Materials & Applications

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

Monday 7 December

11:30

ANZCOP: Laser Technologies, Photonic Materials & Applications

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

11:30–12:00

Femtosecond-Laser Engineering of Glasses and Optical Fibres for High-Temperature Sensing

Speaker
Matthieu Lancry

12:00–12:15

Gradient Descent Based Computer Generated Holography for High-Fidelity Wavefront Shaping Through Multimode Fibres

Speaker
Alexander McIntosh

12:15–12:30 **Laser requirements for direct-drive inertial fusion energy**

Speaker
Igor Morozov

12:30–12:45 **Joint gas-line sensing and resilience in optical communications**

Speaker
Jorge Acosta

12:45–13:00

All-Optical Bandgap Engineering in 2D Transition Metal Dichalcogenides

Speaker
Dr Sebastian Klimmer

13:00