Session Program

7–11 Dec 2026



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

ANZCOP: Reconfigurable Optical Computing

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

Tuesday 8 December

11:00

ANZCOP: Reconfigurable Optical Computing

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

11:00–11:30

Integrated, reconfigurable photonic tensor processor for DNN inference

Speaker
Lennart Meyer

11:30–11:45

Hybrid photonic synapse for on-chip neuromorphic hardware

Speaker
Dr Anna Ovvyan

11:45–12:00

Uncertainty Reasoning with Photonic Bayesian Machines

Speaker
Dr Frank Brückerhoff-Plückelmann

12:00–12:15

Tensor Product Code Concatenation

Speaker
Stuart Nicholls

12:15–12:30

Integrated inverse-designed couplers for neurophotonic applications

Speaker
Stefano Palomba

12:30