Session Program

7–11 Dec 2026



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

COMMAD: Light Emitters, Lasing and Characterisation

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

Wednesday 9 December

16:00

COMMAD: Light Emitters, Lasing and Characterisation

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

16:00–16:15

Optimising incoherence – Semiconductor Laser Delayed Optical Feedback System

Speaker
Prof. Deb Kane

16:15–16:30

Towards flatband lasing in bottom-up Kagome lattice photonic crystal lasers

Speaker
Dr Wei Wen Wong

16:30–16:45

Extrinsically modulating light emission from low-dimensional perovskites

Speaker
Christopher Bailey

16:45–17:00

Thermionic Emission of Topological Nodal Ring System Driving by an Off-resonant Laser

Speaker
Abdullah Al-Mamun

17:00–17:15

Quantitative Second Harmonic Generation Metrology for Non-Contact, In-Situ Detection of Interfacial Charge

Speaker
Rishabh Mishra

17:15–17:30

Electron Beam Induced Current study of Reactive Ion Etch induced pn junctions in Mercury Cadmium Telluride

Speaker
Daniel Morley

17:30