Session Program

7–11 Dec 2026



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

ANZCOP: Quantum Metasurfaces

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

Wednesday 9 December

11:00

ANZCOP: Quantum Metasurfaces

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

11:00–11:30 **Nonlinearity-Induced Chirality in Achiral Resonant Metasurfaces**

Speaker
Dr Kirill Koshelev

11:30–11:45 **Driving dielectric metasurfaces by complex-frequency excitation**

Speaker
Hao Wu

11:45–12:00 **Symmetry effects in metasurface chirality**

Speaker
Ivan Toftul

12:00–12:15 **Nonlinear chiral metasurfaces**

Speaker
Pavel Tonkaev

12:15–12:30
Quantum Non-Reciprocity in Photon-Pair Generation from Nonlinear Metasurfaces

Speaker
Mr Xiwen Qiu

12:30