Session Program

7–11 Dec 2026



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

ANZCOP: Topological & Non-Hermitian Photonics

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

Monday 7 December

11:30

ANZCOP: Topological & Non-Hermitian Photonics

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

11:30–12:00 **Symmetry broken optical resonators as sources of probabilistic bits**

Speaker
Stephane Coen

12:00–12:15

Bogoliubov excitations of a Bose-Einstein condensate in the presence of the non-Hermitian skin effect

Speaker
Carlo Panu

12:15–12:30

Non-Hermitian Photonics: Topological Singularities and Unidirectional Resonances

Speaker
Dmitrii Murinov

12:30–12:45 **Simple and Controllable Nonlinear Optical Reservoir Computing**

Speaker
Leandro Risso Venâncio

12:45–13:00 **Polarization Symmetry Breaking for Spin-based Computing**

Speaker
Liam Quinn

13:00