Session Program

7–11 Dec 2026



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

AIP GAP: Light Dark Matter

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

Tuesday 8 December

11:00

AIP GAP: Light Dark Matter

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

11:00–11:30 **Axion dark matter substructure**

Speaker
Ciaran O'Hare

11:30–11:45 **Atomic ionisation from general scattering and absorption**

Speaker
Narise Williams

11:45–12:00
ORGAN-Low : Pathfinder Search for Sub-μeV Axion Dark Matter with the Re-entrant Haloscope Design

Speaker
Raj Aryan Singh

12:00–12:15 **Probing ultralight bosons using black holes and gravitational waves.**

Speaker
Aswathi Pampurayath Subhash

12:15–12:30 **Recent results from the LUX-ZEPLIN dark matter experiment**

Speaker
Theresa Fruth (on behalf of the LZ collaboration)

12:30