

Session Program

30 November 2025 to 5 December 2025



AIP summer meeting 2025

Astroparticle Physics

Building 40, Hope Theatre
University of Wollongong Northfields Avenue Wollongong NSW 2522

Friday 5 December

10:40

Astroparticle Physics: Astroparticle Physics

Session |**Location:** Building 40, Hope Theatre, University of Wollongong Northfields Avenue Wollongong NSW 2522

10:40–11:10

From symmetries to gravitational waves: a self-consistent calculation

Speaker

Csaba Balazs

11:10–11:25

Characterisation and Simulation of Photomultiplier Tube (PMT) Response in the SABRE South Experiment

Speaker

Sharry Kapoor

11:25–11:40

ORGAN-Low : Probing Sub- μeV Axion Dark Matter with Optimised Haloscope Design

Speaker

Raj Aryan Singh

11:40–11:55

Testing general relativity with the latest gravitational-wave ringdown signals

Speaker

Neil Lu

11:55–12:25

Dark matter across scales: ultralight fields, Bose-star signatures, and massive compact composites

Speaker

Igor Samsonov

12:40