Session Program

7–11 Dec 2026



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

AIP: General Relativity and Gravitation 1

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

Tuesday 8 December

11:00

AIP: General Relativity and Gravitation 1

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

11:00–11:30

Engineering the Next Generation: Low-Frequency Instrumentation Roadmaps for Future Gravitational Wave Observatories

Speaker
Chiara Di Fronzo

11:30–11:45

Calibration-aware black hole spectroscopy: preventing false deviations from general relativity in gravitational-wave ringdown

Speaker
Rowina Nathan

11:45–12:00

Advanced Controls for the TorPeDO's Seismic Isolation Chain

Speaker
Lane Scheel

12:00–12:15

Suspension Platform Interferometer Pathfinder at the LIGO Gravitational-wave Observatory

Speaker
Sheon Chua

12:15–12:30

A Torsion Pendulum Sensor for Gravitational Fluctuation Measurement

Speaker
Dr Bram Slagmolen

12:30