Session Program

7–11 Dec 2026



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

AIP QST: Quantum foundations, non-locality & time

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

Wednesday 9 December

16:00

AIP QST: Quantum foundations, non-locality & time

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

16:00–16:15

How unique is quantum phase space? The topology of discrete Wigner representations

Speaker
Lucky Antonopoulos

16:15–16:30

What Does Prediction Mean in a Quantum World?

Speaker
Graeme Berk

16:30–16:45

Extended Wigner's Friend Scenario in the Instrumental Network

Speaker
Aaditya Datar

16:45–17:00

Towards a Unified Framework for Extended Wigner's Friend No-Go Theorems and Multiagent Paradoxes

Speaker
Juan Diego Diaz Martinez

17:00–17:15

Detection-loophole-free nonlocality in the simplest scenario

Speaker
Ms Nandana Thuranalloor Raveendranath

17:15–17:30

Machine learning the arrow of time for quantum systems

Speaker
Carolyn Wood

17:30