Session Program

7–11 Dec 2026



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

AIP PEG: Laboratory and Quantum Education

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

Wednesday 9 December

11:00

AIP PEG: Laboratory and Quantum Education

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

11:00–11:30

Effectiveness of Virtual Labs in Quantum Information Science General Education

Speaker
Hongbin Song

11:30–11:45

The Struggle for Productive Struggle: Redesigning a Second Year Physics Laboratory

Speaker
Dr Mohammad Z. Rafat

11:45–12:00 **Demonstrating quantum phenomena with LEDs and solar cells**

Speaker
Laurence Campbell

12:00–12:15

Quantum Weaving: Advancing quantum science AND Indigenous Māori knowledge

Speaker
Katharina Ruckstuhl

12:15–12:30

Challenging project or assignment work involving creativity and impact on long-term learning of physics and research skills

Speaker
Timo Nieminen

12:30