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: AI in Physics Education

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

Wednesday 9 December

16:00

AIP PEG: AI in Physics Education

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

16:00–16:30 **Towards evidence-based generative AI use in physics education**

Speaker
Anna Phillips

16:30–16:45 **Teaching students to use AI well**

Speaker
Paul Francis

16:45–17:00
Systems and Subjectivity: The Role of Physics Education in Distinguishing Artificial Intelligence from Subjective Experience

Speaker
Janudi Samarawickrama

17:00–17:15
Understanding the First-Year Tutor Experience: A Qualitative Review of Student Feedback in Physics

Speaker
Smrithi Gireesh

17:15–17:30
PhysEdLLM: Building Interactive Physics Simulation for Education using Large Language Models

Speaker
Aman Desai

17:30