

Session Program

30 November 2025 to 5 December 2025



AIP summer meeting 2025

Physics Education

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

Thursday 4 December

10:40

Physics Education: Physics Education

Session |

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

Convener: Helen Georgiou

10:40–11:10

Quantum Begins at School: The Einstein-First project

Speaker

Anastasia Lonshakova

11:10–11:25

(Mis)applying the Heisenberg uncertainty relations to the hydrogen atom

Speaker

Roger Lewis

11:25–11:40

Developing Learning Resources for Honours-Level Atomic Physics Courses

Speaker

Dr Amy Geddes

11:40–11:55

Competencies in first-year physics labs and tutorials

Speaker

Daniel Schumayer

11:55–12:10

Use of advanced mechanics problems for undergraduate research projects

Speaker

Michael Wheatland

12:10–12:40

The importance of teacher upskilling in physics: Insights from the design and delivery of a Physics Skills Enhancement Micro-credential

Speaker

Maria Parappilly

12:40