Session Program

7–11 Dec 2026



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

AIP ATMOP: Atomic/Molecular Structure and Dynamics

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

Tuesday 8 December

11:00

AIP ATMOP: Atomic/Molecular Structure and Dynamics

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

11:00–11:30

Development of novel relativistic multireference coupled cluster approaches for complex quasi-degenerate electronic structures.

Speaker
Ephraim Eliav

11:30–11:45 **Revisiting the Great Hydrogen Controversy**

Speaker
Dr Liam Scarlett

11:45–12:00 **Re-examining the hyperfine structure of ThO**

Speaker
Shannon Ray

12:00–12:15 **Relativistic all-orders calculations in atomic physics**

Speaker
Andoni Skoufris

12:15–12:30 **Watching a molecular bond break**

Speaker
Dr Nida Haram

12:30