Session Program

7–11 Dec 2026



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

AIP Focus Session: Altermagnets and beyond: A new paradigm in magnetism

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

Tuesday 8 December

16:00

AIP Focus Session: Altermagnets and beyond: A new paradigm in magnetism

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

16:00–16:30 **Emergent multipole order of unconventional magnets**

Speaker
Ulrich Zuelicke

16:30–17:00

Finite-momentum superconductivity with singlet-triplet mixing in an altermagnetic Metal

Speaker
XiaJi LIU

17:00–17:30 **Collective modes of altermagnetic superconductors**

Speaker
Hui Hu

17:30–18:00 **Altermagnetism in Ultracold Quantum Gases**

Speaker
Jia Wang

18:00