Session Program

6–11 Dec 2026



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

AIP CMM: Collective phenomena

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

Wednesday 9 December

14:30

AIP CMM: Collective phenomena

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

14:30–14:45 **Phonon Softening Anomalies and Phase Transformations**

Speaker
Trevor Finlayson

14:45–15:00
Exact subtraction of electron self-interaction from the Kohn-Sham equations

Speaker
John Ingall

15:00–15:15 **Crystal Field Simulations Towards Enhanced Light-Matter Interactions**

Speaker
Li Hong Liu

15:15–15:30 **Statistical physics of social media interaction**

Speaker
Tristram Alexander

15:30