Session Program

7–11 Dec 2026



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

AIP CMM: 2D Materials

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

Monday 7 December

11:30

AIP CMM: 2D Materials

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

11:30–12:00

Tuning Graphene Moiré Superlattice States via Molecular Self-Assembly

Speaker
Julian Ceddia

12:00–12:15

Revealing interactions in the charge density wave material 1T-TiSe$_2$ with multi-dimensional coherent spectroscopy

Speaker
N. Stavrias

12:15–12:30

Magnetic ground state discrimination using scanning tunnelling microscopy with nickelocene-functionalized tips

Speaker
Benjamin Lowe

12:30–12:45

Role of impurity statistics and medium constraints in polaron-polaron interactions

Speaker
Jesper Levinsen

12:45–13:00

Vibrational Properties Beyond the Debye Model

Speaker
Dehong Yu

13:00