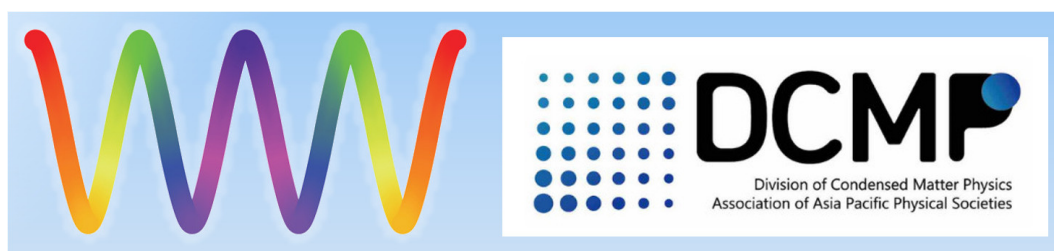


## **Session Program**

**9-13 Feb 2026**



# **Wagga2026/AC2MP2026**

## ***Spectroscopies 1***

Charles Sturt University, Wagga Wagga NSW Australia, Convention Centre  
Boorooma Street, Wagga Wagga New South Wales 2650

## Tuesday 10 February

14:00

### Spectroscopies 1: Spectroscopies 1

**Session** | **Location:** Convention Centre | **Convener:** Amelia Liu

14:00–14:30

#### Ultrafast light-matter interaction: from transition metal oxides to van der Waals materials

**Speaker**

Jingdi Zhang

14:30–14:45

#### Raman signature of cation vacancies in rare-earth nitrides

**Speaker**

Martin Markwitz

14:45–15:00

#### Phase-sensitive Surface Second-harmonic Generation of Topological Dirac Semimetal

**Speaker**

Syed Mohammed Faizanuddin

15:00–15:15

#### Nonlinear Absorption in Perovskite Materials

**Speaker**

Dr David Ompong

15:15–15:30

#### Li-ion Dynamics in Solid Electrolytes: An Integrated Neutron-based techniques and Terahertz Time-Domain Spectroscopy Study

**Speaker**

Mr Harrison Su

15:30–16:00

#### Ultrafast Magnetisation Dynamics Driven by Terahertz Light Fields via Spin Hall and Rashba-Edelstein Effects

**Speaker**

Sergey Kovalev

16:00