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: Spin qubits

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

Monday 7 December

15:45

AIP CMM: Spin qubits

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

15:45–16:15

Electrical driving of hole spin states in planar silicon MOS device by g-matrix modulation

Speaker
Scott Liles

16:15–16:30

Week-long-lifetime microwave spectral holes in an erbium-doped crystal at millikelvin temperature

Speaker
Dr Milos Rancic

16:30–16:45

Power sensitivity of broadband radiofrequency detectors based on quantum diamond spins

Speaker
Nicholas Gillespie

16:45–17:00

Gold Nanoparticles in Liquid Metal for Photocatalysis

Speaker
Oliver Conquest

17:00–17:15

Engineered Erbium Emitters in Calcium Fluoride with Ion Co-Implantation

Speaker
Angela Liang

17:15