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: Waveguides, thin films, cavities and nanomaterials

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

Tuesday 8 December

14:15

AIP CMM: Waveguides, thin films, cavities and nanomaterials

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

14:15–14:45 **P-wave Magnets and Where to Find Them**

Speaker
GiBaik Sim

14:45–15:00

Effect of thermal annealing on high-performance niobium coplanar waveguide resonators

Speaker
Arkady Fedorov

15:00–15:15

High-Fluence Pulsed Laser Deposition Unlocks a Broad Growth Window for Epitaxial $\mathrm{YBa_2Cu_3O_{7-\delta}}$ Thin Films

Speaker
Simone E. Cunzolo

15:15–15:30

Development and Evaluation of Superconducting Coatings for RF Cavities Operating in Magnetic Fields

Speaker
Ethan Han

15:30–15:45 **Mimicking Lightning to turn Minerals into Nanomaterials**

Speaker
Mr Chenkai Jiang

15:45