**Session Program**

**7–11 Dec 2026**




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

## *AIP QST: Superconducting qubits & microwave hardware*

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

# Monday 7 December

15:45

## AIP QST: Superconducting qubits & microwave hardware

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

15:45–16:15 **Erasure Qubits in Fluxonium**

**Speaker**
Xanthe Croot

16:15–16:30 **Tailoring a superconducting qubit for quantum error correction**

**Speaker**
Aislin Wells

16:30–16:45

**Development of the High-Coherence Superconducting Qubits in National Quantum Computing Testbed Facility**

**Speaker**
Chun-Ching Chiu

16:45–17:00

**Scalable Superconducting Quantum-Limited Amplifiers for Quantum Computing and Beyond**

**Speaker**
Subhashish Barik

17:00–17:15

**Engineering package-mode-free environments for microwave-regime solid-state qubits**

**Speaker**
Giorge Gemisis

17:15