Session Program

7–11 Dec 2026



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

ANZCOP: Quantum Networks, Computing & Sensing

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

Friday 11 December

09:00

ANZCOP: Quantum Networks, Computing & Sensing

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

09:00–09:30 **Designing continuous-variable quantum networks**

Speaker
Josephine Dias

09:30–09:45

Entanglement distillation rates beyond the direct transmission using noiseless linear amplification

Speaker
Farzad Ghafari

09:45–10:00

Answering Counting Queries with Differential Privacy on a Quantum Computer

Speaker
Arghya Mukherjee

10:00–10:15 **Quantum-Enhanced Multi-Parameter Sensing in a Single Mode**

Speaker
Christophe Valahu

10:30