## 24th Australian Institute of Physics Congress



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Type: Talk (preferred)

## Developing a Free-Space Quantum-Secure Time Transfer System

Wednesday 14 December 2022 17:00 (15 minutes)

We demonstrate quantum time transfer using correlated photons over a 100 m free-space link with picosecond resolution. We present our latest results showing the effects of loss and noise on our quantum clock synchronisation protocol.

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