

Call for Papers — Poster abstracts & tutorial/keynote proposals



Join researchers, industry professionals, and postgraduate students from across Australia, New Zealand and beyond for a three-day workshop bringing together the communications theory community for keynote talks, tutorials, technical sessions, poster presentations and informal networking. AusCTW emphasises emerging work and work-in-progress and is designed to be highly interactive.

Who should submit

- Postgraduate students and early-career researchers
- Academics in wireless communications, signal processing and information theory
- Industry researchers and professionals
- Anyone working on contemporary or emerging communication-theory topics

Topics (indicative — all communications-theory work welcome)

- Information theory and coding
- Wireless & cellular systems (including 5G/6G/B6G)
- Signal processing for communications
- Network information theory and distributed systems
- mmWave and THz systems
- Non-terrestrial and satellite links
- Physical-layer security and privacy
- AI/Machine learning for communications
- Quantum communications
- Wireless and passive sensing

Submission types

Poster abstracts - AusCTW prioritises poster presentations to maximise interaction. Prepare an abstract summarising your work or work-in-progress.

Tutorials & keynotes - If you have a proposal for a tutorial or keynote (or wish to suggest a speaker), please contact the organisers (see below). Time is limited!

Abstract format & submission

- **Length:** ~250–300 words (brief, self-contained)
- **Format:** Plain text with one optional graphic
- **Submission:** Submit your abstract via <https://tinyurl.com/AusCTW2026Abstract>
For talk proposals, email AusCTW@gmail.com “[AusCTW2026 talk]”.

Important dates

- **Abstract deadline:** Mid January 2026 (exact date to be announced)
- **Workshop:** 2–4 February 2026

Registration & practical info

Registration: Early bird rates until 31st December.

Includes all sessions, welcome drinks, lunches, the workshop dinner and the printed abstract booklet.

Location: Rātā Building, University of Canterbury, Ilam Campus — Ōtautahi | Christchurch, New Zealand

Organisers / Contact

Dr Graeme Woodward — Conference Chair (Wireless Research Centre, University of Canterbury)

Dr Adriel Kind – Technical Programme Committee Chair (Wireless Research Center, University of Canterbury).

Email: ausctw@gmail.com

