



2019 Australian Communications Theory Workshop (AusCTW)

Call for Posters

Workshop Details

The 19th Australian Communications Theory Workshop (AusCTW) will be hosted by the University of Sydney on 6-8 February, 2019. The 2019 AusCTW will bring together researchers and post-graduate students in physical layer communications, signal processing, coding, and information theory. During two and a half days, the Workshop will feature 3 keynote talks by world-class researchers, invited technical oral presentations, and posters. Past workshops have provided formal and informal environments to successfully foster collaborative research.

Topics of Interest

To ensure covering sufficient breadth and depth of the advances in communications technologies for the current and future systems, the 2019 AusCTW cordially invites posters in, but not limited to, the following topical areas:

- Big data analytics
- Channel modelling
- Coding theory and practice
- Cognitive radio and networks
- Communication systems security
- Communication QoS, reliability and modelling
- Compressed sensing and sparsity
- Cross-layer design and optimisation
- Data storage and coded caching
- Device-to-device and machine-to-machine communications
- Enabling technologies for 5G networks
- Green communications
- Information theory and statistics
- Internet of things
- Molecular and nanoscale communications
- Network coding and applications
- Next generation networking and Internet
- Smart grid communications

Poster Submission Guidelines

To facilitate maximum participation, all attendees, especially research students, are invited to present a poster at the Workshop. The posters can feature their unpublished or recently published/submitted MPhil/PhD research work. Abstracts are not subject to peer review and may only appear in the Workshop media. Hence, poster presentation does not interfere with any potential publication plan. The deadline for submission of abstracts is **Friday 14 December 2018**.

Note: students need to submit and present a poster to be considered for the travel award.

Workshop General Co-Chairs

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- Mahyar Shirvanimoghaddam (mahyar.shm@sydney.edu.au) The University of Sydney, Australia
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