AusCTW 2018
Australian Communications Theory Workshop

Call for Posters

Workshop Details

The 18th Australian Communications Theory Workshop (AusCTW) will be hosted by the **University of Newcastle** between **31st January and 2nd February 2018**. 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 poster presentations. 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, AusCTW 2018 cordially invites posters in, but not limited to, the following 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 nano-scale communications
- Network coding and applications
- Next generation networking and Internet
- Smart grid communications

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 The posters can feature their unpublished or recently published/submitted research work.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 **Monday 15 January, 2018**. Submission details are available on the website: www.ausctw2018.org

See you in Newcastle!

Workshop Co-chairs: Sarah Johnson (sarah.johnson@newcastle.edu.au)
                                 Lawrence Ong (lawrence.ong@newcastle.edu.au)
Technical Program Committee Chair: Min Li (min.li@newcastle.edu.au)

DATA 61   CSIRO

Please visit the website for more information:
www.ausctw2018.org

THE UNIVERSITY OF NEWCASTLE AUSTRALIA