

# Tenth Australian Symposium on Antennas

Sydney, 14 - 15 February 2007

The Blaxland Accommodation and Conference Complex

Ryde TAFE College

250 Blaxland Road

Ryde NSW 2112

<http://www.theblaxland.nsw.edu.au>

The Tenth Australian Symposium on Antennas will be held in Sydney on 14 and 15 February 2007. It is sponsored by CSIRO ICT Centre with the aim of bringing together engineers, scientists and industry representatives working in antennas and related areas to discuss current and projected developments. This Symposium provides a valuable forum for Antenna and RF professionals and is a good opportunity for students to take part in a professional meeting. A \$500 prize will be awarded for the best student presentation.

## Call for Papers:

Our program will strike a balance between theoretical and practical aspects of design, construction, and measurement of antennas and associated components from low to millimetre-wave frequencies.

One-page abstracts should be provided by **29 September 2006**.

## We welcome submissions on:

- antenna theory and design
- feed systems and networks
- horn and lens antennas
- microstrip antennas
- millimetre-wave, sub-millimetre-wave and Terahertz antennas
- array analysis and design
- adaptive antennas and arrays
- smart antennas
- active and integrated antennas
- reflector antennas and feeds
- antennas for space applications
- frequency selective surfaces
- wide-band and multi-band antennas
- interactions between antennas and adjacent bodies
- measurement techniques and instrumentation
- scattering and diffraction techniques
- electromagnetic theory
- electromagnetic bandgap structures (EBG)
- numerical methods
- bio-medical effects, medical applications
- new materials, metamaterials
- integration, coupling and interaction (EMC)
- digital beamforming
- power handling, PIMP
- adaptive and signal processing antennas (MIMO, ...)
- active and integrated antennas (MEMS)
- conformal antennas
- antennas for wireless communications (UWB, WLAN, WIFI, ...)
- propagation topics related to antennas
- vehicular and mobile antennas

For more details: [www.ict.csiro.au/asa](http://www.ict.csiro.au/asa)