



Call for Papers

Tencon'05 is an international technical conference sponsored by IEEE Region 10 to be held in Melbourne Australia from 21 – 24 November 2005. Its goal is to provide an international forum for specialist presentations, discussions and interactions.

Tencon'05 will be hosted by the IEEE Victorian Section, with the co-sponsorship and support of other professional bodies in Australia. Keynote addresses and invited papers will be presented by eminent professionals who are leading authorities in their respective fields.

Theme: TENCON - A Meeting Place for Converging Technologies and People

Scope

Original contributions covering, but not limited to, the following topics:

Computing

- Grid computing and applications
- Parallel and distributed computing
- Human interface design
- New applications of nano-technology
- Advances in robotics
- Non-silicon computing technologies

Communications

- Personal communication and home networking
- Optical technologies and networks
- Storage area and backbone networks
- Fibre-to-the-home and access technologies
- Intelligent antenna technology
- Cellular wireless technologies
- Satellite communications
- Network flow and congestion control
- Internet technologies

Signal Processing

- Sensor technologies and networks
- Signal processing for communications
- Image, video and speech processing
- Control signal processing
- RF and photonic signal processing
- Biomedical signal processing

Technology & Society

- Biomedical engineering
- Security and privacy issues

- Technical solutions and countermeasures to terrorism and urban crime
- Solutions for urban and rural life problems
- Social and legal issues in technology
- Lessons from the history of technology
- Introducing technology into rural and remote areas
- Programs and paradigms in EE education

Energy & Infrastructure

- Infrastructure development in the Asia Pacific region
- Next-generation power sources
- Use of energy efficiency technology
- Solid-state lighting
- Intelligent transportation systems

Paper Submission

A full paper of not more than 6 pages including abstract in standard IEEE double column format is requested. Papers to be submitted electronically in PDF format to EDAS. (Instructions will be found on <http://www.tencon2005.org>). All papers will be peer reviewed. At least one author of each accepted paper must register for the conference if the paper is to be included in the program.

Tutorials

Proposals for half day tutorials on 21 November 2005 should be submitted via the conference website.

Important due dates

Paper submission:	15 May 2005
Tutorial proposals:	15 July 2005
Notify Acceptance:	1 August 2005
Camera Ready Paper:	18 September 2005
Author Registration:	18 September 2005

Venue and Location:

Tencon'05 will be held in the Crown Promenade Hotel in the heart of Melbourne, Australia. Melbourne is the capital of Victoria and has been judged the "World's Most Liveable City". The proximity of the conference location to the main business and shopping areas of Melbourne, and also to our many parks and gardens, means that Accompanying Persons will have no shortage of options - whether for sightseeing, dining, shopping or entertainment, or just relaxation!