

Sixteenth Asia-Pacific Communications Conference (APCC 2010)

in conjunction with

Australasian Telecommunications Networks & Applications Conference (ATNAC 2010)

31st October to 3 November 2010

Langham Hotel – Auckland, New Zealand



Call for Participation

The organizing committees for APCC 2010 and ATNAC 2010 invite you to attend the co-located events of the 2010 Asia Pacific Conference on Communications and 2010 Australasian Telecommunication Networks Application Conference in the City of Sails Auckland, New Zealand. The theme of the event is “**Empowering global connectivity**”

We are proud to offer a very exciting programme (<http://APCC2010.aut.ac.nz/program.html> & <http://ATNAC2010.aut.ac.nz/program.html>) which will gather together researchers, lecturers, engineers, and scientists involved in information and communication systems science and technology. We will have keynote presentations, breakout sessions and tutorials from nationally and internationally renowned faculty and research laboratories. The goal of the event is to seek and share innovations, challenges and opportunities.

Auckland is New Zealand's biggest city. Wherever you stay in Auckland, you're never far from breathtaking scenery, beautiful beaches, invigorating walks, idyllic holiday islands, outstanding food and wine, great shopping and exciting nightlife. Besides attending the conference please take the time to enjoy Auckland the City of Sails' famous hospitality.

On behalf of the organization committee we extend our invitation and welcomes to all scientists, engineers, researchers and managers associated with the field of information and communication technologies to attend this exciting event. We look forward to seeing you in Auckland, and hope that you will find the program exciting and stimulating.

Professor Adnan Al-Anbuky,

General Chair

Program overview

The event features 31 breakouts specialised sessions, 3 tutorial sessions, 10 invited speakers and one panel session on the future of the Internet. The tutorial and invited speaker sessions are listed below. Full details, including on-line registration, are available at the event web sites <http://apcc2010.aut.ac.nz> and <http://atnac2010.aut.ac.nz>

Tutorials

1. The European WISEBED, federation of sensor network testbeds
2. Next Generation and Future Networks
3. WiMAX: Current Standard, Evolution toward IMT-Advanced and Beyond 802.16m

Keynote Talks

1. Experimental Facilities for Wireless Sensor Networks - the European WISEBED approach
2. Federation Issues in Experimental Facilities for Future Internet Research
3. Conventional, less conventional and optimum signalling
4. Elastic Optical Path Networks: Toward a More Efficient and Scalable Optical Layer
5. Australia's National Broadband Network: Beyond the 90%
6. Energy Efficiency in the Future Internet: Current Status and Trends
7. Metabolic Syndrome Estimation with High Precision Sensing Unit
8. High-Speed Fiber-Wireless Systems Incorporating Wavelength-Interleaved Dense-WDM
9. Millimeter Wave Wireless Communication Systems: Are we there yet?
10. Trends and Issues of Standardization of Next Generation Networks and Future Networks