SWiN BUR *NE*

SWINBURNE UNIVERSITY OF TECHNOLOGY

GR8 Expectations
School Presentation

What Australia's National Broadband Network could mean for Engineering careers in Telecommunications

Presentation snapshot:

For thousands of years humanity communicated with smoke signals, drum beats, paper scrolls and carved stone.

Then, just over 200 years ago, we learnt to generate, control and use electricity. Electricity and electronics were rapidly applied to the task of communication. The telegraph, telephone and television have led to mobile phones, the Internet, email, instant messages, web pages and social networks.

Australia's new National Broadband Network will trigger even further changes in how society communicates, and create huge demand for engineers capable of understanding and improving this technology.

This talk places the modern Internet and future National Broadband Network into the context of recent history in telecommunications, and touches on the ways in which physics and maths students can find themselves a fascinating career in telecommunication engineering and be part of what the Government have stated "will be the single largest nation building infrastructure project in Australian history".

Presentation details:

Date: Thursday July 23
Time: 5pm - 6pm
Location: Swinburne University of Technology, Hawthorn Campus
Engineering (EN) Building
Ground Floor,
Room EN101

About the presenter (Professor Grenville Armitage):

Professor Armitage earned a B.Eng. (Elec) (Hons) in 1988 and a Ph.D. in electronic engineering in 1994, both from the University of Melbourne, Australia. Since 2002 he has been an associate professor of telecommunications engineering and director of the Centre for Advanced Internet Architectures at Swinburne University of Technology. He authored Quality of Service in IP Networks: Foundations for a Multi-Service Internet (Macmillan, April 2000) and co-authored Networking and Online Games — Understanding and Engineering Multiplayer Internet Games (Wiley, April 2006). He is also a member of ACM and ACM SIGCOMM.

*This session is suitable for Year 11 and 12 students studying Maths/Physics/ IT.

* This presentation can be delivered at your school (during class, lunchtime or after school) however places are limited. Please note that a minimum of 25 students attending is required.

Further information:
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