

# IEEE New Zealand Central Section

Joint Chapter of Communications, Signal Processing and Information Theory

Forthcoming Seminar

## Ultra-Fast Broadband Impact on New Zealand Transport

Dr Murray Milner

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**Wednesday, 20 October 2010, 5:30pm – 7:00pm**

(Refreshments from 5:30pm, presentation starts at 5:45pm)

**Lecture Room 3D31, Massey University, Wellington campus**

Entrance C, Block 3, Level D, Wallace Street, Mount Cook.

Map: <http://contact.massey.ac.nz/massey/fms//About%20Massey/contact-us/maps/WL.pdf>

Live videocast to Riddet R12.2.04, Massey University, Manawatu Campus.

**RSVP:** Edmund Lai ([e.lai@massey.ac.nz](mailto:e.lai@massey.ac.nz)) by 19 October 2010 5pm for catering purposes

*The Ultra-fast Broadband (UFB) initiative is intended to transform the broadband market in New Zealand. This is a good reason for Government investment. The issue that has received little attention to date is the impact of the UFB initiative on the New Zealand wide broadband transport network. The UFB initiative is focused on access and urban aggregation, but what is the impact on the national and international transport? How can we as New Zealanders maximize the value to be gained from the UFB? What do we need to do that is different from that which we do today? This presentation explores these issues in a structured way, through some traffic modeling and associated techno-economic analysis, to present some of the challenges and the means to address these challenges using emerging technologies.*

Dr Milner spent most of his 38 years in the ICT industry in Telecom New Zealand, rising to become the Chief Technology Officer for Telecom, during the first half of this decade. Murray now runs a busy consulting practice in New Zealand and works extensively with central government, local government and enterprises on ICT strategy and infrastructure development. He has been advising on the Connected Health program for over three years. He is also currently Chair of the National Health IT Board and a member of the National Health Board and through these positions is keen to help achieve substantial improvements in ICT capability to the benefit of health care within New Zealand.

**Non IEEE members are welcome.**