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In conjunction with the Cooperative Research Centre for Spatial Information

National ICT Australia invites you to the

Victoria Research Laboratory

Big Picture Seminar Series

Thursday May 11, 2006

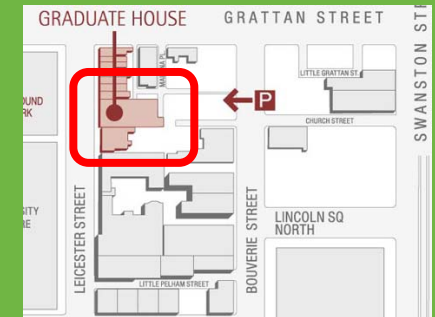


The talk will be followed by light refreshments and an opportunity to meet the speaker.

REGISTER YOUR ATTENDANCE NOW

RSVP to vr1ss@nicta.com.au by Monday May 8, 2006

Public Parking is available at an hourly rate at the University Square car park. Enter via Bouverie Street. Local street parking is also available.



When: 4-5pm, Thursday May 11 2006 **Where:** The Stillwell Room, Graduate House, 220 Leicester Street, University of Melbourne, Carlton Campus

Bruce Thompson Director Spatial Information Infrastructure, State Government of Victoria

Virtual Australia : pervasive networks that know, think, communicate

ABSTRACT: The vision for Virtual Australia for the Cooperative Research Centre for Spatial Information (CRCSI) is for a virtual model that contains and represents all non-trivial objects and their contextual environment – from blue sky to bedrock – in real world Australia. In future the location, condition and status of all non-trivial objects and their environment will be updated automatically through a combination of remote sensing and wireless communication technologies to create a comprehensive digital model of the real world. The infrastructure to support Virtual Australia will be the 'Supranet' – a pervasive information network, based largely on wireless technology, linking the physical world to a virtual model in real time. Three principal characteristics of the Supranet are the abilities: to have or collect specific information (know); to process information (think); and to communicate that information. Spatial information – the location, context and relationship of objects in the real world, will be a vital component of Virtual Australia. The presentation will outline Virtual Australia and the role spatial information will play, and consider the extent to which Virtual Australia might fundamentally alter existing information management principles and practice.

BIOGRAPHY: Bruce Thompson is a Director on the Board of the CRCSI. He is the lead author of the CRCSI's recently approved strategic directions paper on Virtual Australia, the guiding blueprint for the CRCSI's research investment strategy. His full-time role is as Director of Spatial Information Infrastructure for the Victorian Government. He is responsible for development and direction of Victoria's whole-of-Government spatial information strategy and policies, and for the management of the Victoria's spatial information infrastructure. Bruce has a Bachelors degree in Design Studies from the University of Queensland, and a Master of Business (Information Technology) from RMIT University. He is actively involved with the development of national spatial policy, and national spatial information industry development as the Victorian member of ANZLIC, the national Spatial Information Council, and as a director of PSMA Australia. He also represents Victoria on the board of the CRCSI.

