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National ICT Australia invites you to the Victoria Research Laboratory Big Picture Seminar Series Thursday April 6, 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 April 3, 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 April 6 2006

Where: The Stillwell Room, Graduate House, 220 Leicester Street, University of Melbourne, Carlton Campus

Mike A. Horton President & CEO, Crossbow Technology Wireless Sensor Networks - Moving from Theory to Reality

ABSTRACT: As Moore's law continues to make computing capabilities available in smaller form factors and minimal power requirements, connecting the digital and physical world is now possible in a cost effective and reliable way. Wireless Sensor Networks are the next wave of the development of the Internet to connect these two worlds and push computing in previously unreachable domains. Heavily researched in the academic world, Wireless Sensor Networks have moved into real world, commercial applications that demand reliable wireless communication, scalability, standards and ease-of-use to realize its full potential. This presentation will discuss successful deployments of Wireless Sensor Networks, review the lessons learned from these projects. The major building blocks for creating Wireless Sensor Networks will be reviewed and requirements identified for wireless sensor devices, network architecture, gateways and bridges and integration in enterprise systems.

BIOGRAPHY: Mike Horton co-founded Crossbow® Technology and has served as its President & CEO since inception. Horton has led Crossbow from its founding product line of digital MEMS accelerometers and tilt sensors to its current market leading inertial sensor and wireless sensor networking platforms. To this point in time, he has co-authored four patents. Under his leadership, the company's revenue has grown more than 50-fold and became net profitable in 2002. Horton has closed \$13 Million in venture financing for the company, including from Intel Capital, its lead corporate investor. Horton was named one of the Top 100 Innovators in the MIT Technology Review and was named one of The Top 50 Movers and Shakers in high technology by Electronic Business Magazine. He graduated from UC Berkeley with a B.S. and M.S. in Electrical Engineering. He was nominated for the University Medal and won the Warren Y. Dere Design Award.

