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# AusInnovate: NBN Conference 2011

Maximise your benefits from the NBN



## FEATURED SPEAKERS



**Warwick Watkins AM**  
Surveyor General and  
Registrar General of NSW



**John Wadeson**  
Deputy Secretary, ICT  
Infrastructure,  
Human Services Portfolio



**Mike Kaiser**  
External Affairs Executive,  
NBNC



**Professor Tatu Koljonen**  
Vice President, Strategic  
Research, Information and  
Communications Technology,  
VTT (Finland)



**Gordon Bell**  
Principal Researcher,  
Microsoft



Conference: 31 May 2011

Sydney Convention & Exhibition Centre, Darling Harbour

[www.cebitt.com.au/ausinnovate](http://www.cebitt.com.au/ausinnovate)

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31 May 2011, Sydney Convention and Exhibition Centre

Maximise your benefits from the NBN

## << AUSINNOVATE: NBN CONFERENCE AT CEBIT AUSTRALIA 2011: A PLATFORM TO EXCHANGE INFORMATION ABOUT HOW AUSTRALIAN BUSINESS CAN TAKE ADVANTAGE OF OPPORTUNITIES FROM THE NATIONAL BROADBAND NETWORK, NOW AND IN TO THE FUTURE>>

### WHY ATTEND AUSINNOVATE: NBN CONFERENCE 2011?

- » **AusInnovate: NBN Conference 2011 is an interactive one-day conference focused on updating Australian businesses on the implementation of the NBN, identifying the opportunities and turning them in to tangible business outcomes**
- » **The conference will highlight the first-movers and innovators from the initial stages of roll-out – and ask futurists for their insights on the potential of the NBN**
- » **Learn from a dynamic agenda packed with International and Australian presentations that deliver a clear vision of the future after the implementation of the NBN**
- » **Two different streams tailored to your area of focus. Stream 1) Innovating on the NBN and Stream 2) Implementing the NBN**

**To register for CeBIT Australia's AusInnovate: NBN Conference, call +61 2 9280 3400 or visit [www.cebit.com.au/ausinnovate](http://www.cebit.com.au/ausinnovate)**

**Partnerships, exhibition and sponsorship opportunities are also available**

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The NBN provides unprecedented new opportunities for Australians, changing the nature of industry, commerce and services. However, without foresight into how technology and markets will change, and practical guidelines into what is currently being developed, the NBN will lack the flexibility required to drive maximum benefits.

In 2011, AusInnovate – a collective of CSIRO, NICTA and DSTO - is joining forces with the NBN Conference to provide answers, practical insights and detailed findings to put the NBN in perspective for the consumer.

The AusInnovate: NBN Conference is the leading platform in Australia for connecting research, commercial and government communities to identify what is required to optimise the benefits from the NBN

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### CONFERENCE OUTCOMES

AusInnovate: NBN Conference 2011 will deliver thought-leading insights about:

- » Detailed overview of how and why the NBN will create opportunities
- » The current state of the implementation process
- » Overview of how and where construction is taking place
- » Identifying where businesses can start responding to the NBN's deployment
- » Identifying the roles of the research, commercial and government communities in the NBN process
- » How service delivery will change in the face of the NBN
- » Creating strategies to harness the potential of the NBN
- » Ensuring that the network delivers long-term needs for the nation
- » Early innovation – identifying first-movers
- » Foreseeing the future and preparing strategies
- » The challenges of security and privacy on the network

## SPEAKERS INCLUDE



**Senator the Hon Stephen Conroy**  
Minister for Broadband, Communications and the Digital Economy



**John Wadeson**  
Deputy Secretary, ICT Infrastructure  
Human Services Portfolio



**Warwick Watkins AM**  
Surveyor General and Registrar General of NSW



**Dr Brian Boyle**  
CSIRO SKA Director  
CSIRO



**Professor Rod Tucker**  
Laureate Professor  
University of Melbourne and  
Director  
Institute for a Broadband-Enabled Society (IBES)



**Alan Noble**  
Engineering Director  
Google Australia



**Dr Rod Badger**  
Chair  
ICT Roundtable



**Stephen Dalby**  
Chief Regulatory Officer  
iiNet



**Geof Heydon**  
Vice President - Digital Economy  
Alcatel-Lucent Australia



**Professor Tatu Koljonen**  
Vice President, Strategic Research, Information and Communications Technology  
VTT (Finland)



**Gordon Bell**  
Principal Researcher  
Microsoft



**Mike Kaiser**  
External Affairs Executive  
NBNC



**Rajeev Singh-Molares**  
President of the Asia-Pacific  
Alcatel-Lucent



**Malcolm Alder**  
Partner, Digital Economy  
KPMG



**Roger Wilkins AO**  
Secretary  
Attorney-General's Department



**Jim Hassell**  
Head of Product Development and Sales  
NBNC



**Aidan Tudehope**  
Managing Director - Hosting  
Macquarie Telecom



**Sawaaki Yamada**  
Corporate Senior Advisor  
Nomura Research Institute (Japan)

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Maximise your benefits from the NBN



Senator the Hon Stephen Conroy presenting at AusInnovate 2008



Mike Quigley, NBNCo presenting at NBN Conference 2010

## CONFERENCE TOPICS & THEMES

- » Innovation on the NBN: Early success in pilot projects
- » The current state of deployment
- » Insights in to first release site progress
- » Learning from Finland, an already connected country
- » Identifying opportunities created by improved network communications
- » Futurist views of a fully connected society
- » Insights into how science and the research community can benefit
- » The future vision of the NBN from a Telco
- » How do we ensure maximum benefit from the NBN
- » Providing physical connectivity
- » Rolling out the NBN network
- » Making use of spatial data for a national network roll out
- » Bridging the gap between where the NBN ends and where services can operate
- » Understanding the role and offering of a service provider in the NBN
- » Future opportunities
- » Regulating security into the NBN
- » Banking as an example of high trust industry on the NBN

## WHO SHOULD ATTEND

C-Level Executives, Directors, Heads of Department and Managers from:

- » Federal, State & Local Governments
- » Private Sector End-Users
- » Service Providers
- » Electricity, Gas and Water Utilities
- » Telecommunications Equipment Vendors
- » Business and Consumer Representatives
- » Academic/Research Organisations
- » Investors
- » Technology Vendors
- » User Experience Manager
- » Application Architect

NBN Conference 2010



# AUSINNOVATE: NBN CONFERENCE AGENDA TUESDAY 31 MAY 2011

7.00am - 8.00am **Registration**

## Session I - Plenary session

- 8.00am - 8.55am **Opening Ceremony for CeBIT Australia**
- 8.55am - 9.00am **Chair Address**
- 9.00am - 9.30am **Ministerial Address**  
Senator the Hon Stephen Conroy, **Minister for Broadband, Communications and the Digital Economy**
- 9.30am - 9.55am **Keynote Presentation**  
Paul O'Sullivan, Chief Executive, **Optus**
- 9.55am - 10.25am **Keynote Presentation**  
Albert Goller, Chairman and Managing Director, **Siemens Australia & New Zealand**
- 10.25am - 10.30am **Summing up from the Chair**
- 10.30am - 10.50am **Morning Tea - Delegates break into two streams**

### STREAM ONE

#### Session II - "What is being done now" - NBN Pilots

- 10.50am - 11.00am **Chair Opening Speech**
- 11.00am - 11.25am **Innovating on the NBN: Early successes in pilot projects**
  - » Insight into the work of Australia's national research agencies
  - » Successes of pilot projects including eHealth, eGovernment and Smartgrids**Australian Centre for Broadband Innovation (ACBI)**
- 11.25am - 11.50pm **Insights into the NBN roll-out in NSW**
  - » NSW Government's response to the NBN
  - » Activities in the first release sites
  - » Key successes and lessons learned
  - » The path forward for the remainder of the roll-out
- 11.50pm - 12.15pm **The national network roll out – a super highway for spatial data distribution**
  - » What makes the NBN different?
  - » What are the key challenges?
  - » How are we addressing these challenges?
Warwick Watkins AM, Surveyor General and Registrar General of NSW
- 12.15pm - 12.20pm **Summing up from the chair**
- 12.20pm - 1.20pm **Delegate Lunch**

### STREAM TWO

#### Session II - Capturing the Importance of the NBN

- 10.50am - 11.00am **Chair Opening Speech**
- 11.00am - 11.25am **The Need for the NBN**
  - » The importance of the NBN for Australia
  - » Drivers and barriers for uptake on the NBN
  - » View of the future
Professor Rod Tucker, Laureate Professor, **University of Melbourne** and Director, **Institute for a Broadband-Enabled Society (IBES)**
- 11.25am - 11.50pm **The current state of deployment of the NBN**
  - » Progress 12 months on since the release of the 'NBN Implementation Study'
  - » Assessing what was right in the report and what has turned out to be different
  - » A view of an NBN future
Malcolm Alder, Partner, Digital Economy, **KPMG**
- 11.50pm - 12.15pm **Deployment of the NBN : The 5 – 10 year Horizon**
  - » Long term deployment overview
  - » Future proofing the NBN
  - » Major next steps
  - » View of the future
Jim Hassell, Head of Product Development and Sales, **NBNCo**
- 12.15pm - 12.20pm **Summing up from the chair**
- 12.20pm - 1.20pm **Delegate Lunch**

Session III - International Perspective		Session III - Maximising the Benefits of the NBN	
1.20pm - 1.30pm	<b>Chair Address</b>	1.20pm - 1.30pm	<b>Chair Address</b>
1.30pm - 1.55pm	<b>International Keynote: Learning from a connected country</b> <ul style="list-style-type: none"> <li>» Implications and costs of having 1Mbps as a human right</li> <li>» Expected and actual realised benefits from a highly connected society</li> <li>» Lessons for Australia</li> </ul> Professor Tatu Koljonen, Vice President, Strategic Research, Information and Communications Technology, <b>VTT (Finland)</b>	1.30pm - 1.55pm	<b>Understanding the value of the NBN</b> <ul style="list-style-type: none"> <li>» Putting the NBN in its place</li> <li>» A national strategy for Australia's digital economy</li> <li>» What is the view of the future?</li> </ul> Stephen Dalby, Chief Regulatory Officer, <b>iiNet</b>
1.55pm - 2.20pm	<b>International Keynote: ICT and disaster management</b> <ul style="list-style-type: none"> <li>» Experience from the recent earthquake disaster in Japan</li> <li>» The role of ICT and broadband networks in emergency response</li> </ul> Sawaaki Yamada, Corporate Senior Advisor, <b>Nomura Research Institute (Japan)</b>	1.55pm - 2.20pm	<b>Identifying opportunities created by improved network communications</b> <ul style="list-style-type: none"> <li>» How might the future be different from the present for Service Delivery</li> <li>» Drivers and barriers for business</li> <li>» View of the future</li> </ul> John Wadeson, Deputy Secretary, ICT Infrastructure, <b>Human Services Portfolio</b>
2.20pm - 2.45pm	<b>Identifying opportunities created by the NBN</b> <ul style="list-style-type: none"> <li>» Understanding how the NBN differs to simply doing business on the internet</li> <li>» Drivers and barriers for business to take up the NBN</li> <li>» View of the future</li> </ul> Alan Noble, Engineering Director, <b>Google Australia</b>	2.20pm - 2.45pm	<b>Future opportunities created with the NBN</b> <ul style="list-style-type: none"> <li>» How does it differ from simply doing business on the internet?</li> <li>» Drivers and barriers for business to take up the NBN</li> <li>» What is the view of the future?</li> </ul> Mike Kaiser, External Affairs Executive, <b>NBNCo</b>
2.45pm - 2.50pm	<b>Summing up from the chair</b>	2.45pm - 2.50pm	<b>Summing up from the chair</b>
2.50pm - 3.10pm	<b>Afternoon Tea</b>	2.50pm - 3.10pm	<b>Afternoon Tea</b>
Session IV - The Future NBN		Session IV - Security, Privacy and Trust in the NBN	
3.10pm - 3.15pm	<b>Chair Address</b>	3.10pm - 3.15pm	<b>Chair Address</b>
3.15pm - 3.40pm	<b>The NBN as an enabler of the digital economy</b> <ul style="list-style-type: none"> <li>» The global trends driving broadband demand</li> <li>» How ubiquitous broadband and smart networks support digital innovation and productivity</li> <li>» We are a connected society and why the world is watching the NBN</li> </ul> Rajeev Singh-Molares, President of the Asia-Pacific, <b>Alcatel-Lucent</b>	3.15pm - 3.40pm	<b>Regulating security into the NBN</b> <ul style="list-style-type: none"> <li>» A futurist view of a fully connected society</li> <li>» What are the regulatory challenges and what needs to be done to get us there?</li> </ul> Roger Wilkins AO, Secretary, <b>Attorney-General's Department</b>

- 3.40pm - 4.05pm**    **A futurist view of a fully connected society**
- » How did we get here?
  - » How must we do similarly or differently from other countries (USA, Japan, Korea)
  - » Lessons for Australia
- Gordon Bell, Principal Researcher, **Microsoft**
- 4.05pm - 4.30pm**    **Insights into how science and the research community can benefit from the NBN**
- » ASKAP as an example of a major scientific activity (and data source)
- Brian Boyle, CSIRO SKA Director, **CSIRO**

- 3.40pm - 4.05pm**    **Building security into the NBN**
- » A futurist view of a fully connected society
  - » What are the security challenges and what needs to be done to get us there?
- Tim Gooch, Managing Director, **iWebGate**
- 4.05pm - 4.30pm**    **Security issues for delivering business services across the NBN**
- Aidan Tudehope, Managing Director - Hosting, **Macquarie Telecom**

**WRAP-UP SESSION**

- 4.30pm - 4.35pm**    **Delegates move into same room**
- 4.35pm - 5.25pm**    **Panel Discussion: How do we ensure maximum benefit from the NBN**
- Geof Heydon, Vice President, Digital Economy, **Alcatel-Lucent Australia**  
 Professor Tatu Koljonen, Vice President, Strategic Research, Information and Communications Technology, **VTT (Finland)**  
 John Wadeson, Deputy Secretary, ICT Infrastructure, **Human Services Portfolio**
- More to be announced!*
- Facilitated by: Dr Rod Badger, Chair, **ICT Roundtable**
- 5.25pm - 5.30pm**    **Chair Closing Remarks**
- 5.30pm**            **Close of Conference**

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