

QUESTnet 2013 Conference

Clouds: In our way or enabling change?



Program

Tuesday 2 July 2013

0900–1230	HALF-DAY WORKSHOP	
	<i>Citrix desktop virtualisation workshop for universities—one platform addressing many needs—and it's NOT just about VDI!</i> Marco Luske, Citrix	Jacaranda Room
	<i>Enabling students of the future</i> Nathan Wittke, Dell, Bruce Perram, VMware	Marquis Room
0900–1030	FULL-DAY WORKSHOPS	
	<i>Supporting data—intensive research workshop</i> Peter Elford, Brian Tierney	Karrie Webb Room
	<i>IPv6 workshop</i> Glen Turner, Warrick Mitchell, AARNet	Norfolk Room
	<i>Optical networking tutorial</i> Tim Rayner, AARNet	Gardenia Room
1030–1100	MORNING TEA	Royal Benowa Foyer
1100–1230	WORKSHOPS continued	
1230–1330	LUNCH	Royal Benowa Foyer
1330–1500	WORKSHOPS continued	
1500–1530	AFTERNOON TEA	Royal Benowa Foyer
1530–1700	WORKSHOPS continued	
1800–2000	WELCOME RECEPTION	Royal Benowa Foyer

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Wednesday 3 July 2013

0730–1730	Registration open			Royal Benowa Foyer
0800–0840	ARRIVAL TEA AND COFFEE			Royal Benowa Foyer
0840–1025	Plenary 1 Chair: Kent Adams, former Director, Information Technology and Resources, James Cook University			Prince Room
0840	<i>Welcome and opening remarks</i> Professor Greg Craven, Vice-Chancellor, Australian Catholic University			
0900	<i>Behind every cloud: massive data use in the earth sciences</i> Distinguished Professor Tony Haymet, Scripps Institution of Oceanography			
0945	<i>Head in the clouds, feet on the ground</i> Professor Anne Cummins, Deputy Vice-Chancellor (Students, Learning and Teaching), Australian Catholic University			
1025–1050	MORNING TEA			Royal Benowa Foyer
1050–1230	CONCURRENT SESSIONS			
	Session 1	Session 2	Session 3	Session 4
	Prince Room	Marquis Room	Norfolk/Karrie Webb Room	Jacaranda Room
1050	<i>Cloud—our first steps</i> Simon Rose, Darren Ehrlich, University of Queensland	<i>Cloud, orchestrating true convergence</i> Steve Blunt, NEC	<i>Embrace the future of data centre networks</i> Craig Hinkley, HP	<i>Innovation evolution at Sydney</i> Geoffrey Brown, The University of Sydney
1125	<i>Enabling consumption of a cloud platform</i> Wil Daniels, Shaun Webber, Australian Catholic University	<i>How can the research cloud support research communities?</i> Bernard Meade, Steven Manos, Richard Sinnot, Christopher Fluke, Dirk van der Knijff, Andy Tseng, NeCTAR	<i>AARNet—annual State of the Nation address</i> Jamie Sunderland, AARNet	<i>Transform your learning environment through BYOD, mobile and cloud-based video applications</i> Wayne Boxall, Polycom
1200	<i>Desktop as a service—student desktops from the cloud using Citrix</i> Brian Quirk, Australian Catholic University, Joshua Rubens, Cloud Solutions Group	<i>DaShNet: foundation for the Australian research data cloud</i> Peter Elford, RDSI	<i>Security policy insights in the university sector</i> Gary Gaskell, Infosec Services, Franz Eilert, Information Ecosystems, Adrian Tarca, Dianna Madden, Kent Adams, James Cook University	<i>Creating a research cloud with things you already have in your kitchen</i> Angus Griffin, AARNet
1230–1345	LUNCH			Royal Benowa Foyer

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1345–1525	CONCURRENT SESSIONS			
	Session 5	Session 6	Session 7	Session 8
	Prince Room	Marquis Room	Jacaranda/Karrie Webb Room	Norfolk Room
1345	<i>Money for nothing—the clouds for free</i> Gordon Howell, Queensland University of Technology	<i>Research storage at UNSW</i> Luc Betbeder, University of New South Wales	<i>AARNet and the Australian health sector</i> Mike Rebbechi, AARNet	<i>A high-end routing platform for core and edge applications based on chip-to-chip optical interconnect</i> Kobi Hasharoni, Compass-EOS
1420	<i>Service view</i> Lisa Gauthier, Stuart Rowlands, University of Queensland	<i>Solve X, where X is too big—QBI's HPC storage problems and our adventures in Infiniband-land with the NetApp E-Series technology</i> Matthew Swinbourne, NetApp, Jake Carroll, The University of Queensland	<i>Shared services—a pathway to change</i> Peter Sack, The University of Melbourne	<i>The IT journey to 'anything' as a service</i> David Deakin, Optus
1455	<i>Moving email to the cloud—a regional university experience</i> Tim Lane, Ram Smith, Southern Cross University	<i>Improving network performances within the CloudL—eduPERT and a real case</i> Alessandra Scicchitano, SWITCH	<i>The new workplace—transformation through collaboration</i> Michael Knee, AMCOM, Peter Hughes, Cisco	<i>Enabling students of the future</i> Nathan Wittke, Dell, Bruce Perram, VMware
1525–1550	AFTERNOON TEA			Royal Benowa Foyer
1550–1630	Plenary 2 Chair: Kent Adams			Prince Room
1550	<i>The clou²d² and change</i> Dr Geoff Garrett, Queensland Chief Scientist, Department of Science, Information Technology, Innovation and the Arts			
1635–1705	CONCURRENT SESSIONS			
	Session 9	Session 10	Session 11	Session 12
	Prince Room	Marquis Room	Jacaranda/Karrie Webb Room	Norfolk Room
1635	<i>SCU NOC outsourcing—AARNet and SCU</i> Mike Groeneweg, AARNet, Luke Walford, Southern Cross University	<i>Heavy data, light measurements—network troubleshooting in distributed computing environment</i> Domenico Vicinanza, Dante, Alessandra Scicchitano, SWITCH	<i>The future of collaborative IT—the Translational Research Institute one year on</i> Thomas King, University of Queensland	<i>Information security adaptation: survival in an evolving threat landscape</i> Mick Stephens, Radware
1830	SOCIAL NIGHT—beer and wine tasting, followed by screening of <i>Gangster Squad</i>			Royal Benowa Foyer

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Thursday 4 July 2013

0730–1730	Registration open		Royal Benowa Foyer
0840–0900	ARRIVAL TEA AND COFFEE		Royal Benowa Foyer
0900–1025	Plenary 3 Chair: Kent Adams		Prince Room
0900	<i>Education as a service</i> Mark Pesce, author and futurist		
0945	<i>Bioinformatics and the cloud</i> Andrew Yates, Project Leader at the European Molecular Biology Laboratory's European Bioinformatics Institute (EMBL-EBI)		
1025–1050	MORNING TEA		Royal Benowa Foyer
1050–1230	CONCURRENT SESSIONS		
	Session 13	Session 14	Session 15
	Prince Room	Marquis Room	Norfolk Room
1050	<i>A case study of student computing at Griffith University</i> Merv Connell, Griffith University	<i>Overview of the Science DMZ</i> Brian Tierney, Lawrence Berkeley National Laboratory	<i>The integrated campus—observations from the US and Canada about MOOC's impact on physical campus</i> Allyn J Radford, Cisco Systems
1125	<i>The use of iPads in a multi-user based environment</i> Adrian Lemus, Australian Catholic University	<i>The research database as a service—La Trobe University</i> Daniel Tosello, La Trobe University	<i>Providing IT networks to the researchers—can we support a la carte?</i> Bryan Thompson, Queensland University of Technology
1200	<i>Unified collaboration tools—can they make business sense?</i> Michael Deayton, Peter Kurtz, Griffith University	<i>Cloudy, with a chance of performance</i> Jake Carroll, Jason Andrade, University of Queensland	<i>How do AARNET's NBN services work?</i> Warrick Mitchell, AARNET
1230–1345	LUNCH		Royal Benowa Foyer
1345–1525	CONCURRENT SESSIONS		
	Session 16	Session 17	Session 18
	Prince Room	Marquis Room	Norfolk Room
1345	<i>Enabling mobility through cloud technology</i> Brian Clark, RMIT	<i>Let's get social: hacking events and wrangling communities for IT in everyday research</i> Steven Manos, David Flanders, Melbourne University	<i>Flipping the classroom with Office 365 for Education</i> Lance Baldwin, Microsoft
1420	<i>Rapid deployment for federation—just AASC</i> Paul Stepowski, AAF	<i>Cloud networking designs and why enterprise network designs of the past don't scale moving forward</i> Lincoln Dale, Arista	<i>Software-defined networking and next-generation research capabilities</i> Glenn Dasmalchi, Juniper
1455	<i>Watching the federation</i> Terry Smith, AAF	<i>BYOD and the cloud or: how I learned to stop worrying and love my iPhone</i> Mark Krischer, Cisco Systems	<i>Building a cloud architecture—server/storage combined</i> Craig Waters, Cloud Solutions Group/Nutanix
1525–1550	AFTERNOON TEA		Royal Benowa Foyer

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1550–1655	CONCURRENT SESSIONS		
	Session 19	Session 20	Session 21
	Prince Room	Marquis Room	Norfolk Room
1550	<i>OpenContext: enabling federated team management, group-aware SPs, and SP shop fronts</i> Neil Witheridge, AARNet, François Kooman, SURFnet	<i>It's too risky to be reactive! Learn how to proactively secure your cloud computing platform</i> Dr Krutartha Patel, Checkpoint	<i>OpenStack: a new way of implementing datacentre networks</i> Iain Robertson, Brocade
1625	<i>AusCERT 2013 update</i> Mike Holm, AusCERT	<i>Surviving cloud—success and benefit or challenge and complexity</i> Geoff Olliff, ViFX	<i>Software-defined networking: how it can drive transformation in today's enterprises</i> Julian Critchlow, Enterasys
1655–1700	COFFEE AND TEA—for BOF attendees		Royal Benowa Foyer
	BIRDS OF A FEATHER SESSION		
	BoF session 2	BoF session 3	
	Marquis Room	Norfolk Room	
1550	<i>Network security at universities</i> Chris Gay, Griffith University	<i>Eduroam AU</i> Neil Witheridge, AARNet	
1900	CONFERENCE DINNER—theme: Prohibition		Prince Room

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Friday 5 July 2013

0730–1730	Registration open			Royal Benowa Foyer
0840–0900	ARRIVAL TEA AND COFFEE			Royal Benowa Foyer
0900–1040	CONCURRENT SESSIONS			
	Session 22	Session 23	Session 24	
	Prince Room	Marquis Room	Norfolk Room	
0900	<i>Wired 802.1X authentication in campus networks</i> Lucas Hazel, University of New England	<i>AARNet4 progress update</i> David Wilde, AARNet	<i>Eliminating the NFS hotspot bottlenecks in your cluster</i> April Neoh, Dataflex	
0935	<i>What you need to know about 802.11AC</i> Paul Lopez, LAN1	<i>Global real time communications exchange and the AARNet Unified Communications eXchange</i> Bill Efthimiou, AARNet	<i>Private microwave radio networks in the era of national broadband networks</i> Peter Choquenot, ATI	
1010	<i>Infoblox—essential technology for network control</i> Peter Goodwin, FLEXdata Solutions and Infoblox	<i>Social media—impact/influences/risks/management</i> Brett Webber, Sententia	<i>The DSD top 35 mitigation strategies applied using next-generation security</i> Grae Meyer-Gleaves, Whitegold Solutions	
1040–1105	MORNING TEA			Royal Benowa Foyer
1105–1245	Plenary 4 Chair: Kent Adams			Prince Room
1105	Panel session—Ask the Director			
1150	<i>Clouds: in our way or enabling change?</i> Dr Ian Oppermann, Director, Digital Productivity and Services, CSIRO			
1235	Conference close			
1245–1400	LUNCH			Royal Benowa Foyer