



## Tuesday 5 July 2016 - Workshops

| TIME             | WORKSHOP 1  | WORKSHOP 2   | WORKSHOP 3   | WORKSHOP 4  | WORKSHOP 5  |
|------------------|---|--|--|---|---|
| 0900-1230        | AWS Technical Essentials<br><i>Manoj Nair, Amazon</i> | VMWare NSX Introduction<br><i>Bruce Perram, VMWare</i>   | Internet Metering & Visibility<br><i>Brett Smith &amp; Donovan Price, F5</i> | AARNet Data access & data movement<br><i>Chris Myers &amp; Warrick Mitchell, AARNet</i> | AARNet SDN Openflow<br><i>Glen Turner, AARNet</i> |
| <b>1230-1300</b> | <b>Lunch</b>  |  |  |   |   |
| 1300-1700        |   | Addressing the application challenges in today's infrastructure<br><i>Rob Tappenden &amp; Chris Gascoigne, Cisco</i> |  | AARNet Data access & data movement<br><i>Chris Myers &amp; Warrick Mitchell, AARNet</i> | AARNet SDN Openflow<br><i>Glen Turner, AARNet</i> |
| <b>1830-2000</b> | <b>Welcome Reception</b>                              |  |  |   | <b>Exhibition Hall</b>                            |

## Wednesday 6 July 2016

| TIME             |  |  |   |  |
|------------------|--|--|---|--|
| <b>0800-1730</b> | <b>Registration open</b>   |  |   | <b>Foyer</b>   |
| <b>0845-0900</b> | Conference Welcome & Opening   |  |   | <b>Prince Room</b>   |
| <b>0900-0945</b> | The Internet in 2016<br><i>Mr Geoff Huston, APNIC</i>  |  |   | <b>Prince Room</b>   |
| <b>0945-1030</b> | High-performance computing and data services for Australian research and innovation: opportunities and challenges<br><i>Professor Lindsay Botten, Australian National University</i> |  |   | <b>Prince Room</b>   |
| <b>1030-1100</b> | <b>Morning Tea</b>   |  |   | <b>Exhibition Hall</b>   |
|                  | <b>1030-1055 Your money of your life Website</b><br><i>David Arthur, F5</i>  |  |   | <b>Exhibition Hall</b>   |
|                  | <b>Concurrent Session 1<br/>Prince Room</b>  | <b>Concurrent Session 2<br/>Norfolk Room</b>   | <b>Concurrent Session 3<br/>Karrie Webb/Jacaranda Room</b>  | <b>Exhibition Hall Presentations</b>   |
| <b>1100-1130</b> | <a href="http://ldcare.org">ldcare.org</a> : Identity theft case studies & mitigation strategies<br><i>Dr David Lacey, USC</i>   | QRIScloud: delivering cloud computing services for researchers<br><i>Dr Hoylen Sue, QCIF</i> | SCU Network Upgrade Project - Technical and Project Management Perspective<br><i>Michael Lymbery, Southern Cross University</i> | Will lack of cybersecurity skills derails Australia's digital economy?<br><i>Brian Hay, Dimension Data</i> |



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|           |   |   |  |  |
|-----------|---|---|--|--|
| 1130-1200 | QUDIT IDM Community of practice: Identity in higher education, past, present and future<br><i>Peter Embleton, USC and Rhys Mataira, SCU</i>   | UQ's OMERO - Solving terascale imaging curation and processing challenges<br><i>Jake Carroll, University of Queensland</i>    | EDGE – Segmentation and Security in a Tertiary Education Network.<br><i>Michael Harlow, University of Tasmania</i>                   | Beyond lecture capture – innovative new uses for video education<br><i>Ravi Khakhar, Panopto</i> |
| 1200-1230 | Identity 3.0:<br><i>Dr Willem Mertens, PWC Chair in Digital Economy, Queensland University of Technology</i>  | Leveraging AARNet's CloudStor to support better research outcomes<br><i>Jason Bell, Central Queensland University</i>         | Network systems automation on a shoestring budget<br><i>Ayden Beetson, Charles Sturt University</i>                                  |  |
| 1230-1400 | Lunch   |   |  | Exhibition Hall  |
|           | <b>1230-1255</b> Introducing Cisco's Digital Network Architecture<br><i>Pete Thomas, Cisco</i><br><b>1300-1325</b> Crafting your collaboration strategy for 2020 and beyond<br><i>Andrew Grose, Cisco</i><br><b>1330-1355</b> Network Innovations for the Modern Data Centre<br><i>Chris Gascoigne, Cisco</i> |   |  | Exhibition Hall  |
|           | <b>Concurrent Session 4</b><br>Karrie Webb/Jacaranda Room   | <b>Concurrent Session 5</b><br>Prince Room  | <b>Concurrent Session 6</b><br>Norfolk Room  |  |
| 1400-1430 | AAF Update<br><i>Heath Marks, AAF</i>   | New cancer insights underpinned by eResearch infrastructure and advice<br><i>Dr John Pearson, QIMR</i>                        | Digital Signage- Revolutionising the Noticeboard<br><i>Carmel Brown, Queensland University of Technology</i>                         |  |
| 1430-1500 | USQ's IDM Implementation - Bumpy flight with a smooth landing<br><i>Brian Stevens, University of Southern Queensland</i>  | HPC Ready - Building a storage platform for Research Datasets<br><i>Daniel Rodwell, National Computational Infrastructure</i> | Developing and implementing LaTrobe University's cloud-ready Network Blueprint<br><i>Jason Schimming and Iupati Tumaalii, AARNet</i> |  |
| 1500-1530 | Afternoon Tea   |   |  | Exhibition Hall  |
|           | <b>1500-1525</b> Taking a Platform approach to Threat Hunting in Education networks<br><i>Lani Refiti, Cisco</i>  |   |  | Exhibition Hall  |
|           | <b>Concurrent Session 7</b><br>Prince Room  | <b>Concurrent Session 8</b><br>Norfolk Room   | <b>Concurrent Session 9</b><br>Karrie Webb/Jacaranda Room  |  |
| 1530-1600 | ITS Director/CIO Panel<br><i>Chris Bridge, QUT</i><br><i>Bruce Callow, Griffith</i><br><i>Rob Moffatt, University of Queensland</i><br><i>Peter Nikolettatos, La Trobe</i><br><i>Reg Johnson, Cisco</i>   | Coping with the Data Deluge<br><i>Alan Hockings, University of Queensland</i>   | 100Gbps Across the Country, Across the Data Centre<br><i>Tim Rayner, AARNet</i>  |  |



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| <b>1600-1630</b> | IdM Birds of a Feather Session – Lightning Rounds & Discussion<br><br>Part 1: Current Issues & Short Term Plans | Navigating data driven health researchers through the IT privacy/security landscape<br><br><b>Dr Jeff Christiansen, Intersect</b> | NAC and Network segmentation<br><b>Julianne Weekers, Central Queensland University</b> |
| <b>1630-1700</b> | Part 2: Disruptors (3-5 years)  | The Elephant Flows in the Room – ScienceDMZ National Distribution<br><br><b>Brett Rosolen, AARNet</b>                             |  |
| <b>1800-1930</b> | <b>Social Night</b>   |   | <b>Poolside</b>  |

## Thursday 7 July 2016

| TIME             |   |   |   |  |
|------------------|---|---|---|--|
| <b>0700-1700</b> | <b>Registration open</b>  |   |   | <b>Foyer</b>   |
| <b>0800-0930</b> | Cisco Breakfast Session: Education Transformation with Cisco's Digital Network Architecture (invitation only)<br>Karrie Webb/Jacaranda Room         | Ruckus Wireless Breakfast Session: Great Wi-Fi is Just the Start – Unlocking value with Secure On-boarding, Location Services and Analytics<br>Cypress Room 2 | QUDIT TAC Breakfast (including Qld-AARNet Wan: Review) (invitation only)<br>Cypress Room 1                | Dell and Nutanix Breakfast Session: The Incredible Shrinking Data Centre<br>Norfolk Room             |
| <b>0940</b>      | Introduction of keynote speaker   |   |   | <b>Prince Room</b>   |
| <b>0945-1030</b> | Digitising Education and Research – The Importance of a Digital Strategy for Universities<br><b>Mr Dave West, Cisco</b>                             |   |   | <b>Prince Room</b>   |
| <b>1030-1100</b> | <b>Morning Tea</b>  |   |   | <b>Exhibition Hall</b>   |
|                  | <b>1030-1055 Next-Generation Network Monitoring</b><br><b>Mark Barrett, Juniper Networks</b>  |   |   | <b>Exhibition Hall</b>   |
|                  | <b>Concurrent Session 10<br/>Prince Room</b>  | <b>Concurrent Session 11<br/>Karrie Webb/Jacaranda Room</b>   | <b>Concurrent Session 12<br/>Norfolk Room</b>   | <b>Exhibition Hall Presentations</b>   |
| <b>1100-1130</b> | Forgotten Architectures for Network/Cloud Security?<br><b>Emeritus Professor William Caelli, International Information Security Consultants P/L</b> | Talk-Nerdy to me: How we persuaded staff to voluntarily engage<br><b>Sandra Lammis, University of Southern Queensland</b>                                     | Using Containers to support Agile Development and Research<br><b>James Harper, University of Auckland</b> | How the car can safely speed-up to evolution of cybersecurity<br><b>Brian Hay, Dimension Data</b>    |
| <b>1130-1200</b> | Phishing with Office 365<br><b>Mark Laffan, Australian Catholic University</b>  | High Impact Classroom Experiences - Engaging students in lectures and tutorials<br><b>Ailsa Dickie, University of Queensland</b>                              | Moving out of the computer room: Otago's Virtual Desktop<br><b>Emerson Pratt, University of Otago</b>     | Top four design considerations for Network and Security Visualisation<br><b>Bruce Perram, VMware</b> |



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|------------------|--|---|--|---|
| <b>1200-1230</b> | Information Security Metrics: Cases in Policy Enforcement and Incident Management<br><b>Maria Corpuz, Queensland University of Technology</b>  | Technology convergence and strategic directions in learning environment<br><b>Dr Gordon Howell, Queensland University of Technology</b> | The University of Queensland Metropolitan Data Caching Infrastructure (MeDiCI)<br><b>Prof David Abramson, University of Queensland</b> | Limitless Learning Experience: Any Device, Any Application<br><b>Andrew Fox, VMware</b> |
| <b>1230-1400</b> | <b>Lunch</b>   |   |  | <b>Exhibition Hall</b>  |
|                  | <b>1230-1255</b> Wi-Fi and its ability to provide student analytics across the campus<br><b>Mark Verbloot, South Pacific ARUBA</b><br><b>1300-1325</b> Your campus can be Smart too<br><b>Gordon Gay, NEC</b><br><b>1330-1355</b> Overcoming the device enrolment nightmare with Ruckus Cloudpath<br><b>David White, Ruckus Wireless</b> |   |  | <b>Exhibition Hall</b>  |
|                  | <b>Concurrent Session 13</b><br>Karrie Webb/Jacaranda Room   | <b>Concurrent Session 14</b><br>Norfolk Room  | <b>Concurrent Session 15</b><br>Prince Room  |   |
| <b>1400-1430</b> | Web Application Firewall project<br><b>Greg Vickers, Griffith University</b>   | Higher Education – Four models for the future and their IT implications<br><b>Dr Simon Collyer, University of Queensland</b>            | CERN Data Services for Science<br><b>Dr Massimo Lamanna, CERN</b>  |   |
| <b>1430-1500</b> | AusCERT Update<br><b>Mike Holm, AusCERT</b>  | Moving to Blackboard Managed Hosting - reflections after 1 year<br><b>Leigh Stevenson, Griffith University</b>                          | Building a Data Centre Architecture using Cisco's SDN - the Future?<br><b>Dr David Stockdale, University of Queensland</b>             |   |
| <b>1500-1530</b> | <b>Afternoon Tea</b>   |   |  | <b>Exhibition Hall</b>  |
|                  | <b>1500-1525</b> IT in Schools program<br><b>Jen Hoyle, CSIRO</b>  |   |  | <b>Exhibition Hall</b>  |
|                  | <b>Concurrent Session 16</b><br>Norfolk Room   | <b>Concurrent Session 17</b><br>Karrie Webb/Jacaranda Room  | <b>Concurrent Session 18</b><br>Prince Room  |   |
| <b>1530-1600</b> | Engineering a Secure AARNet<br><b>Warrick Mitchell, AARNet</b>   | Networked AV leveraging IT Infrastructure in Collaborative Learning Spaces<br><b>Graham Barrett, AVT</b>                                | Lessons Learnt, or the Journey from Systems Administrator to IT Manager<br><b>Christian Unger, Translational Research Institute</b>    |   |
| <b>1600-1630</b> | ICT Security Birds of a Feather Session – Lightning Rounds & Discussion<br><br>Part 1: Current Issues & Short Term Plans   | Computer Lab Innovations: Improving Learning Infrastructure and the Student Experience<br><b>Jon Kloske, University of Queensland</b>   | Brisbane Universities moving Data Centres to Colo environments<br><b>Don Caruana, University of Queensland</b>                         |   |



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| <b>1630-1700</b> | Part 2: Disruptors (3-5 years) | Emerging Technologies, Exciting Students, Engaging Educators, Empowering Learning? WTF??<br><i>Susan Brosnan, University of Southern Queensland</i> | AARNet State of the Nation<br><i>Peter Elford, AARNet</i> |
| <b>1900-late</b> | <b>Conference Dinner</b>       |   | <b>Prince Room</b>  |

## Friday 8 July 2016

| TIME             |  |                        |
|------------------|--|------------------------|
| <b>0700-1700</b> | <b>Registration open</b>   | <b>Foyer</b>           |
| <b>0800-0940</b> | Dell Breakfast Session: Dell HPC Systems & Machine Learning (co presented with Nvidia)<br>Norfolk Room |                        |
| <b>0940</b>      | Introduction of keynote speaker  | <b>Prince Room</b>     |
| <b>0945-1030</b> | Who moved my cloud?<br><i>Phillip Grasso-Nguyen, Google</i>  | <b>Prince Room</b>     |
| <b>1030-1100</b> | <b>Morning Tea</b>   | <b>Exhibition Hall</b> |
|                  | <b>1030-1055</b> Wifi: Value Beyond Connectivity<br><i>Tim Bates, Aerohive</i>                         | <b>Exhibition Hall</b> |
| <b>1100-1200</b> | Open Data and Instrumented Cities<br><i>Charlie Catlett, Argonne National Laboratory</i>               | <b>Prince Room</b>     |
| <b>1200-1230</b> | <b>Conference Close</b>  | <b>Prince Room</b>     |
| <b>1230-1330</b> | <b>Lunch</b>   | <b>Exhibition Hall</b> |