







## Tuesday 11 October 2016: Conference Day 2 - Connecting the eResearcher

08:30	Registration and coffee <i>Twitter - @eresearch #eResAu16</i>				
	<b>Plenary Sessions</b> <b>Grand Ballroom</b>				
09:30 – 10:00	Opening address				
10:00 – 10:50	Entering the Age of Artificial Intelligence, with Dell <a href="#">Andrew Underwood</a> , Dell APJ Head of HPC & Research Computing				
10:50 – 11:20	Morning Tea – Exhibition Area – Sponsored by  figshare				
11:00 – 11:15	Grand Ballroom Solutions Showcase (during morning tea) <a href="#">Fireballs in the Storage Stacks</a> , Mark Gray and Sean Fleming <a href="#">Copy of slides</a>				
11:20 – 11:50	Living in an Evidence Based World - <a href="#">Copy of slides</a> <a href="#">Peter Doherty</a> 1996 Nobel prize winner and 1997 Australian of the year				
11:50 – 12:40	Open, transparent and reproducible science is stronger science - <a href="#">Copy of slides</a> <a href="#">Natalie Meyers</a> , E-Research librarian in Digital Initiatives and Scholarship at the University of Notre Dame				
12:40 – 13:40	Lunch – Exhibition Area – Sponsored by  Aspera				
	<b>Concurrent Sessions</b>				
Rooms	Presentation <b>Grand Ballroom 1/2</b>	Presentation/Panel <b>Grand Ballroom 3/4</b>	Presentation <b>State 3</b>	BoF <b>Lake</b>	BoF <b>State 1/2</b>
	Standards for data and eResearch	Privacy, Ethics and Data Security	Open Source and HPC	Software Citation	eResearch outreach, training and capability development
13:40 – 14:00	<a href="#">Implementing a Data Quality Strategy to simplify access to data</a> Kelsey Druken <a href="#">Copy of slides</a>	<a href="#">Navigating data-driven medical researchers through the IT privacy/security landscape</a> <a href="#">Copy of slides</a>	<a href="#">Spartan: An HPC-Cloud Chimera</a> Lev Lafayette, Daniel Tosello and Bernard Meade <a href="#">Copy of slides</a>	<a href="#">BoF: Software Citation in Australia</a> Xiaobin Shen, Andrew Treloar, Jens Klump and Michelle Barker	<a href="#">BoF: eResearch Education and Training</a> Facilitator: Markus Buchhorn
14:05 – 14:25	<a href="#">Balancing user requirements for dynamic data in a repository designed for persistence</a> Dominic Hogan	PANEL: <a href="#">Sensitive data: legal, ethical and secure storage issues</a> Chair: Kate Lemay Panellists: Gabrielle Hirsch, Jeff Christiansen and Gordon McGurk <a href="#">Copy of slides</a>	<a href="#">Connection of the scholarly work flow with the open science framework</a> Natalie Meyers and Ian Taylor	BoF: Software Citation in Australia Cont.	BoF: eResearch Education and Training Cont.
Rooms	Presentation <b>Grand Ballroom 1/2</b>	Presentation <b>Grand Ballroom 3/4</b>	Presentation <b>State 3</b>	BoF <b>Lake</b>	BoF <b>State 1/2</b>
	Case Studies in eResearch	Virtual Labs	Social Media and eResearch	Data Citation	Planning eResearch
14:30– 14:50	<a href="#">IMOS - eResearch Services in the Cloud</a> Peter Blain	<a href="#">Science Gateways, Virtual Labs and Virtual Research Environments</a> Nancy Wilkins-Diehr and Michelle Barker <a href="#">Copy of slides</a>	<a href="#">Sex, Accidents, Road Rage and So Much More on the Cloud</a> Richard Sinnott	<a href="#">BoF: Citation of 'dynamic' data: challenges and options</a> Adrian Burton and Gerry Ryder <a href="#">Copy of slides</a>	<a href="#">BoF: DMPs: Aligning use to motivations and intended outcomes</a> Kathryn Unsworth, Daniel Barr, Nick Smale, Sue Cook, Chris Erdmann and Libbie Blanchard
14:55 – 15:15	<a href="#">iReceptor: A Scientific Gateway for the federation and analysis of adaptive immune system genomics data</a> Brian Corrie <a href="#">Copy of slides</a>	<a href="#">Workspace: a fast and low cost methodology for delivering commercial applications based on Research IP</a> Simon Harrison	<a href="#">Secrets of successful sustainable social media management</a> <a href="#">How to increase engagement and make social media work for you – when to start, what to do, what not to do and how to measure it</a> Elleina Filippi and Loretta Davis	BoF: Citation of 'dynamic' data: challenges and options Cont.	BoF: DMPs: Aligning use to motivations and intended outcomes Cont.
15:15 – 15:45	Afternoon Tea – Exhibition Area – Sponsored by  XENON				
15:25 – 15:35	Grand Ballroom 1&2 Solutions Showcase (during afternoon tea) <a href="#">The All Sky Virtual Observatory</a> , Darren Croton				


Tuesday 11 October 2016 continued					
Rooms	Concurrent Sessions Twitter - @eresearch #eResAu16				
	Presentation Grand Ballroom 1/2	Presentation Grand Ballroom 3/4	Presentation State 3	BoF Lake	BoF State 1/2
	Facilitating Outreach and Engagement	Workflows in eResearch	Supporting eResearch at the next level	Leveraging International eResearch	Dealing with large volumes of data
15:45 – 16:05	<a href="#">Aligning online Research Data Management Planning tools to maximise researcher engagement</a> Peter Neish and Jennifer Warburton <a href="#">Copy of slides</a>	<a href="#">Reproducibility and Provenance Tracking in Genomic Workflows</a> Farah Zaib Khan	<a href="#">Monash Imaging Data Project</a> Patrick Splawa-Neyman <a href="#">Copy of slides</a>	<a href="#">BoF: Using the Research Data Alliance to Solve Data Problems</a> Stefanie Kethers and Andrew Treloar <a href="#">Copy of slides</a>	<a href="#">BoF: Versioning of Data Sets: Why, How, What and Where?</a> Lesley Wyborn, Jens Klump and Adrian Burton <a href="#">Copy of slides</a>
16:10 – 16:30	<a href="#">21st Century scientific authoring: Facilitating Global Research and Collaboration</a> John Hammersley <a href="#">Copy of slides</a>	<a href="#">Metadata production and the data lifecycle – archives and producers as collaborators in metadata creation</a> Janet McDougall <a href="#">Copy of slides</a>	<a href="#">The Australasian Type-1 Diabetes Research Platform</a> Loren Bruns Jr and Richard Sinnott <a href="#">Copy of slides</a>	BoF: Using the Research Data Alliance to Solve Data Problems Cont.	BoF: Versioning of Data Sets: Why, How, What and Where? Cont.
16:35 – 16:55	<a href="#">Practical techniques to facilitate behaviour change and increase user engagement in an eResearch context</a> Loretta Davis and Kelly Lennon	<b>Data Citation</b> <a href="#">Software Citation is Important, but doesn't help me use it!</a> Ryan Fraser	<b>Managing Data for the connected eResearcher</b> <a href="#">Data Management Plans – Are They Working for the Australian Antarctic Program?</a> Dave Connell <a href="#">Copy of slides</a>	<b>Connecting eResearch Internationally</b> <a href="#">BoF: Adopting Outputs from the Research Data Alliance</a> Stefanie Kethers, Lesley Wyborn and Malcolm Wolski <a href="#">Copy of slides</a>	<b>Connecting outputs to eResearchers</b> <a href="#">BoF: Research Graph: Connecting Researchers, Research Data, Publications and Grants using the Graph Technology</a> Jingbo Wang and Nathaniel Lewis
17:00 – 17:20	<a href="#">The American Geophysical Union Data Management Maturity Program</a> Lesley Wyborn <a href="#">Copy of slides</a>	<a href="#">Implementation of an Enterprise Provenance System at Geoscience Australia</a> Laura Stanford <a href="#">Copy of slides</a>	<a href="#">The connected researcher - new research data management systems at La Trobe University</a> Simon Huggard, Paul Pigram, Andrew Williams and Eva Fisch	BoF: Adopting Outputs from the Research Data Alliance Cont.	BoF: Research Graph: Connecting Researchers, Research Data, Publications and Grants using the Graph Technology Cont.
17:25 – 18:55	<a href="#">Poster Reception</a> – Exhibition Area				

Wednesday 12 October 2016: Conference Day 3 - Scaling the eResearcher	
08:00	Registration and coffee Twitter - @eresearch #eResAu16
	<b>Plenary Sessions</b> Grand Ballroom
09:00 – 09:15	Welcome
09:15 – 10:05	<a href="#">Liza Noonan</a> Executive Manager, Innovation, ON Program, CSIRO
10:05 – 10:55	<b>Biomedical discovery in warp drive: the integration of genomic data, clinical records, the internet of things and machine learning</b> <a href="#">John Mattick</a> , Director of the Garvan Institute of Medical Research
10:55 – 11:25	Morning Tea – Exhibition Area – Sponsored by DDN 



Wednesday 12 October 2016 continued

Concurrent Sessions					
Rooms	Presentation Grand Ballroom 1/2	Presentation Grand Ballroom 3/4	Panel/Presentation State 3	Presentation Lake	Industry State 1/2
	Virtual Labs	Data collections	Panel Federations' future	Partnerships and Cultural Changes	
11:25 – 11:45	<a href="#">Omics Data Services Platform: Supporting bacterial pathogen multi omics analysis</a> Andrew Isaac <a href="#">Copy of slides</a>	<a href="#">Exploiting the Long Tail of Scientific Data: Making Small Data BIG</a> Lesley Wyborn	PANEL: <a href="#">Looking towards the future of Federated Identity Management</a> Elleina Filippi and Heath Marks	<a href="#">Transitioning research practice from the desktop to data intensive science: challenges beyond the infrastructure</a> Dale Peters and Johann Kistner <a href="#">Copy of slides</a>	<a href="#">Enabling Life Sciences Research with Aspera's High-speed Data Transfer</a> John Heaton
11:50 – 12:10	<a href="#">A Plant Biosecurity Virtual Laboratory</a> Kathryn Napier	<a href="#">Building a Collaborative Research Data Collection Employing Automated Policy Based Management</a> David Fellingner <a href="#">Copy of slides</a>	<b>Data Challenges</b> <a href="#">Open Wide: Demonstrating Quality and Building Trust in Open Data</a> Gavin Kennedy and Maree Adshead <a href="#">Copy of slides</a>	<a href="#">Delivering eResearch advances to Industry: Enhancing decision making for local government authorities and natural resource management groups</a> Hamish Holewa	<a href="#">Preparing for the Next Step in Genomic Analysis</a> Phong Le <a href="#">Copy of slides</a>
12:15 – 12:35	<a href="#">A New Taste of HuNI: Redeveloping the Humanities Networked Infrastructure</a> Toby Burrows and Deb Verhoeven	<a href="#">From local to global: APO public policy data and document collections and tools</a> Amanda Lawrence <a href="#">Copy of slides</a>	<a href="#">Delaying the 'Peak Data Crisis' in the Era of Data-intensive Science</a> Lesley Wyborn	<a href="#">Research Partnerships</a> Glenn Moloney, Michelle Barker and Lyle Winton <a href="#">Copy of slides</a>	
12:35 – 13:35	<b>Lunch – Exhibition Area –Sponsored by SGI</b> 				
12:40 – 12:55	<b>Grand Ballroom 1&amp;2 Solutions Showcase (during lunch)</b> <a href="#">Machine Learning Workloads on Cray Systems</a> , Mark Staveley - <a href="#">Copy of slides</a>				
13:00 – 13:15	<b>Grand Ballroom 1&amp;2 Solutions Showcase (during lunch)</b> <a href="#">eResearch at the Pawsey Supercomputing Centre</a> , Neil Stringfellow and Daniel Grimwood - <a href="#">Copy of slides</a>				
13:20 – 13:35	<b>Grand Ballroom 1&amp;2 Solutions Showcase (during morning lunch)</b> <a href="#">AuScope research infrastructure - supporting Australian mineral discovery</a> , Tim Rawling - <a href="#">Copy of slides</a>				
Concurrent Sessions					
Twitter - @eresearch #eResAu16					
Rooms	Presentation Grand Ballroom 1/2	Presentation Grand Ballroom 3/4	BoF State 3	Presentation Lake	Industry State 1/2
	Partnerships and Outreach	Managing Data Case Studies	NCRIS initiatives	Accessing and Managing data	Industry
13:35 – 13:55	<a href="#">Access to research data: effective collaborations between academics, librarians and eResearch</a> Kay Steel <a href="#">Copy of slides</a>	<a href="#">The Prosecution Project: creating a new digital resource for advancing criminal justice history</a> Mark Finnane <a href="#">Copy of slides</a>	<a href="#">NCRIS Data Showcase</a> Xiaobin Shen, Natasha Simons, Andrew Treloar, Siddeswara Guru, Peter Blain, Miles Nicholls, Serryn Eagleson and Lyle Winton	<a href="#">Implementation of a Comprehensive Enterprise Data Model for Geoscience Australia's Public Data</a> Laura Stanford <a href="#">Copy of slides</a>	<a href="#">The new Dell HPC System for Research</a> Andrew Underwood
14:00 – 14:20	<a href="#">More than 23 (research data) Things</a> Gerry Ryder and Keely Chapman	<a href="#">Embedding research data management: case studies from the University of Sydney</a> Jennifer McLean and Justin Chang <a href="#">Copy of slides</a>	<b>NCRIS Data Showcase Cont.</b>	<a href="#">Research Data Journey: Challenges and Opportunities</a> Elizabeth Kim	(NB: this presentation runs for 2 time slots)
14:25– 14:45	<a href="#">A learner-centred approach to specialised user training</a> Claire Trenham <a href="#">Copy of slides</a>	<a href="#">Curating Research Data with Hydra and PCDM</a> Esmé Cowles <a href="#">Copy of slides</a>	<a href="#">BoF: An Australian Special Interest Group for Vocabularies (AVSIG)</a> Adrian Burton, Rowan Brownlee, Laura Stanford and Jonathan Yu <a href="#">Copy of slides</a>	<a href="#">Using the same infrastructure to tell vastly different data stories</a> David Groenewegen and Mark Hahnel <a href="#">Copy of slides</a>	<b>BoF</b> <a href="#">BoF: Department of Education - National eResearch Futures</a> <b>Facilitator:</b> Rhys Francis
14:50– 15:10	<a href="#">Build it, and who will come, and when? Lessons learnt from developing an eResearch tool</a> Sarah Richmond	<a href="#">Closing the loop: Integrated infrastructure for the whole research data lifecycle</a> Helen Morgan <a href="#">Copy of slides</a>	<b>BoF: An Australian Special Interest Group for Vocabularies (AVSIG) Cont.</b>	<a href="#">Persistent Identifier Practice for Big Data Management at NCI</a> Jingbo Wang <a href="#">Copy of slides</a>	<b>BoF: Department of Education Cont.</b>
15:10 – 15:40	<b>Afternoon Tea – Exhibition Area – Sponsored by AWS</b> 				

Wednesday 12 October 2016 continued

Rooms	BoF Grand Ballroom 1/2	BoF Grand Ballroom 3/4	BoF State 3	BoF Lake
	eResearch outreach, training and capability	Data provenance	Data collections	Moving Data
15:40 – 16:30	<a href="#">BoF: Management and Curation of Physical Objects in the Digital Era</a> Jens Klump, Warick Brown, Simon Cox and Anusuriya Devaraju <a href="#">Copy of slides</a>	<a href="#">BoF: Reproducible Research</a> Michelle Barker, Andrew Treloar, Stewart Hay, Natalie Meyers and Lesley Wyborn	<a href="#">BoF: Data Movement</a> Brett Rosolen, Peter Elford and Chris Myers	<a href="#">BoF: The Research Bazaar - What is Best Practice?</a> Belinda Weaver, Amanda Miotto, Dejan Jotanovic and Stephanie Bradbury
16:35 – 17:30	<b>Room State 1&amp;2 - Shaping the eResearch Australasia Conference - feedback session:</b> You are invited to shape the future direction of the eResearch Australasia conference, please join in and share your thoughts. Nick Tate and Viviani Paz, eResearch Australasia co-chairs			
19:00 - late	Conference Dinner – Sponsored by Dell EMC 			

Thursday 13 October 2016: Conference Day 4 - Scaling the eResearcher

08:30	Registration and coffee <i>Twitter - @eresearch #eResAu16</i>				
	<b>Concurrent Sessions</b>				
Rooms	Presentation Grand Ballroom 1/2	Presentation Grand Ballroom 3/4	Presentation State 3	Presentation Lake	Industry State 1/2
	Dealing with large volumes of data	Innovation with Computation	Methods, practices, and tools supporting eResearch	National Innovation	
09:15– 9:35	<a href="#">CloudStor: potential use as glue between ARDS components</a> Guido Aben	<a href="#">Chimney: Connecting Researchers to Cloud, HPC and Big Data Resources</a> Ian Thomas	<a href="#">Developing support services for research data management: the University of Sydney's evolving approach</a> Jen McLean and Gene Melzack	<a href="#">Microbial Genomics Virtual Laboratory: Supporting bacterial pathogen multi omics analysis</a> Simon Gladman <a href="#">Copy of slides</a>	
09:40 – 10:00	<a href="#">MeDiCI: The University of Queensland's data storage fabric</a> David Abramson, Daniel Richards and Justin Glen	<a href="#">Communication Through Data Visualisation</a> Kayla Maloney	<a href="#">Web-enabled Physical Samples: Curating and Publishing Physical Samples in CSIRO</a> Anusuriya Devaraju <a href="#">Copy of slides</a>	<a href="#">Overcoming the Tyranny of Distance in 21st Century Research</a> Celeste Anderson <a href="#">Copy of slides</a>	
10:05 – 10:25	<a href="#">A High Speed Data Transfer Service at the University of Otago</a> Gareth Wood	<a href="#">The Dawn of the Exascale Age: Using Integrated HPC and Connected Data</a> Ben Evans <a href="#">Copy of slides</a>	<a href="#">Yeah but how good is it? Assessment and endorsement of tools, services and materials</a> Markus Buchhorn <a href="#">Copy of slides</a>	<a href="#">Case Studies in Industry and eResearch collaboration – responding to the National Innovation Science Agenda</a> Robert Woodcock	<b>Power Efficient Scalable HPC</b> Chris Clarkson <a href="#">Copy of slides</a>
10:30 – 10:50	<a href="#">The CSIRO ASKAP Science Data Archive (CASDA)</a> Vivek Pulukuri <a href="#">Copy of slides</a>	<b>Data Sharing</b> <a href="#">Data as Social Capital – The Gift Culture in Research</a> Jens Klump <a href="#">Copy of slides</a>	<a href="#">How do we improve the Measure of Value in eResearch Infrastructure?</a> Clare Richards <a href="#">Copy of slides</a>	<b>Panel Training and capability development</b> <b>PANEL:</b> <a href="#">Hacky Hour: Can they strengthen our research community?</a> <b>Moderator:</b> Amanda Miotto <b>Panelists:</b> Heidi Perrett, Cameron McLean and Matthias Liffers	<a href="#">Cray – Scaling-out Machine Learning Solutions</a> Mark Staveley <a href="#">Copy of slides</a>
10:50 – 11:20	<b>Morning Tea – Exhibition Area – Sponsored by Spectra Logic</b> 				
	<b>Plenary Sessions</b> Grand Ballroom				
11:20 – 12:10	<b>Journalism at the Crossroads</b> <a href="#">Elyas Khan</a> , PhD candidate at the Centre for Advancing Journalism and the eResearch Group at the University of Melbourne And <a href="#">Margaret Simons</a> , Director of the Centre for Advancing Journalism at the University of Melbourne				
12:10 – 13:00	<b>Lifting out Technology Commercialisation performance</b> <a href="#">Leonie Walsh</a> , Victoria's inaugural Lead Scientist				
13:00 – 14:00	<b>Lunch – Exhibition Area – Sponsored by Cray</b> 				
13:10 – 13:25	<b>Grand Ballroom Solutions Showcase (during lunch)</b> <a href="#">Smoke and Fire: Air Pollution Visualisation in Australia</a> , Xavier Ho and Martin Cope				
13:30 – 13:45	<b>Grand Ballroom Solutions Showcase (during lunch)</b> <a href="#">High Performance Data at NCI</a> , Ben Evans and Lucy Guest				

Thursday 13 October 2016 continued

Plenary Sessions  
Grand Ballroom

14:00 – 15:00

[Are there any grand challenges left for eResearch?](#)

**Facilitator:** Nick Tate

**Panelists:**

- **Ian Atkinson**, James Cook Univeristy,
- **Rhys Francis**, Director, eResearch Futures P/L,
- **Cathrine Harboe-Ree**, University Librarian, Monash University, and
- **Leonie Walsh**, Victoria's inaugural Lead Scientist

15:00 – 15:15

**Closing Remarks**

**Dr Nick Tate and Viviani Paz**, eResearch Australasia Conference Co-chairs

15:15

Afternoon Tea – Exhibition Area – Sponsored by SanDisk 