

Sunday 20 October 2013: Conference Day 0

12:00-19:30	Registration
14:00-16:00	Amazon Web Services Workshop , Mezzanine, The Edge, Southbank (Un-conference) Jamie Kinney, Principal Solution Architect empowering research and scientific computing at NASA, CERN, ESA, JAXA and others
18:00-19:30	Welcome Reception - Exhibition Area - Plaza Ballroom

Monday 21 October to Wednesday 23 October

09:00-17:00	The Lounge (Daily) - AWS Hackathon and AWS Labs
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Monday 21 October 2013: Conference Day 1

07:30-08:45	Registration and coffee				
	Plenary Sessions – Plaza Terrace Room				
08:45-09:05	Opening Address Professor Max Lu, Deputy Vice-Chancellor Research, The University of Queensland				
09:05-09:55	The Evolving Data Lifecycle: Implications for Cyberinfrastructure and Domain Sciences Dr Rahul Ramachandran, Principal Research Scientist, University of Alabama PRESENTATION				
09:55-10:45	Global Research Data Management and Sharing Dr Mustapha Mokrane, Executive Director, ICSU-WDS International Programme Office PRESENTATION				
10:45-11:15	Morning break - Exhibition Area - Plaza Ballroom				
	Solutions Showcase - DIY Cartography – Steve Bennett, V3 Alliance				
	Plenary Session – Plaza Terrace Room				
11:15-11:45	Oracle Platinum Address - Enabling Archiving and Digital Preservation for the Masses Angus MacDonald, CTO- ANZ Systems; Chief Technology Officer (ANZ) and Manager of Oracle System's Strategic Solutions Directors and Architects in APAC Panel: Angus MacDonald, Jake Carroll and Keith Rajeci PRESENTATION				
	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P1	Concurrent Session Room: P2	Concurrent Session Room: P3	Concurrent Session Room: P4
	Institutional Data Management & Tools	Workflows for Processing and Analysing Data	Scalable Services	Managing Medical Data and Enhancing Productivity	Industry
11:50-12:10	Data Management Planning & Vocabulary Building Presenter: Ursula Harris PRESENTATION	Annotating Across Resource Formats Within Electronic Scholarly Editions Presenter: Anna Gerber PRESENTATION	Into Adulthood: The first 21 years of the CSIRO ASC Data Store Presenter: Robert Bell PRESENTATION	Integrating and Visualising Diabetes Clinical Data for Patient Care and Research Presenters: Maureen Turner and Alan Lo PRESENTATION	CSIRO eResearch Program Presenter: Dr John Taylor, CSIRO PRESENTATION
12:15-12:35	Immersive Environments for Researchers Presenter: Michael D'Silva <i>No presentation available</i>	Yabi and the SkyNet: delivering radio astronomy discovery through citizen science Presenter: Kevin Vinsen PRESENTATION	Marketing to the eResearch community and the community at large Presenters: Kelly Lennon and Hamish Holewa PRESENTATION	SKELETOME: An eResearch Platform for the Skeletal Dysplasia Domain Presenter: Craig McNamara PRESENTATION	Archiving and Digital Preservation for the final frontier: Neuroscience research Presenter: Jake Carroll, Queensland Brain Institute/ORACLE PRESENTATION
12:40-13:00	App Development Framework: Simplicity ensures that 'Research' Succeeds Presenter: Daniel F. Saffioti <i>No presentation available</i>	Workspace: scientific workflow platform Presenters: Damien Watkins and Matt Bolger PRESENTATION	Storage as a Service: How it's changing research Presenter: Patricia McMillan PRESENTATION	MilxXplore: An open source web-based system to explore large medical imaging datasets Presenter: Pierrick Bourgeat PRESENTATION	Analytics Baked into your eResearch infrastructure Presenter: Matthew T. O'Keefe, Hitachi Data Systems PRESENTATION
13:00-14:00	Lunch - Exhibition Area - Plaza Ballroom				
	Solutions Showcase - Exposing services over data assets – a collaboration between ANDS, NeCTAR and RDSI - Dr. Andrew Treloar, ANDS and Nigel Ward, NeCTAR Solutions Showcase - Research Publications Repository- Showcasing 80+ years of CSIRO research - Dr. John Page and Anne Stevenson, CSIRO				
	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P1	Concurrent Session Room: P2	Concurrent Session Room: P3	Concurrent Session Room: P4

	Panel	Case Studies	Virtual Laboratories in the Humanities	The Marine eResearcher	Industry
14:00-14:20	How many Global Data Initiatives do we need? Presenters: Jane Hunter, Rhys Francis, Ross Wilkinson and Mustapha Mokrane <i>No presentation available</i>	Improving the Australian Schizophrenia Research Bank Presenter: Jason Bridge PRESENTATION	Humanities e-Research at a National Scale: the HuNI Virtual Laboratory Authors: Deb Verhoeven, Toby Burrows and Alexander Hawker <i>No presentation available</i>	eReefs: distributed data, a unified picture Presenter: Jonathan Hodge PRESENTATION	Scaling Research using AWS Presenter: Jamie Kinney Amazon Web Services PRESENTATION
14:25:14:45	Panel Continued	The Australia Urban Research Platform Presenter: Martin Tomko PRESENTATION	The Human Communication Science Virtual Lab Presenter: Peter Sefton PRESENTATION	The CATAMI Story – the key to unlock the potential of marine imagery Presenter: Matt Wyatt PRESENTATION	Parallel File System with High Performance Applications Presenter: Rex Tanakit Panasas PRESENTATION
Birds of a Feather (BOF)					
	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P1	Concurrent Session Room: P2	Concurrent Session Room: P3	
	Case studies	Managing Data	Data Management	Tools for Collecting, Generating and Moving Data	
14:50-15:50	Data Stories Presenters: Patricia McMillan, Rhys Francis, Peter Hicks and Peter Elford <i>No presentation available</i>	Heterogeneous and Hybrid High-Performance Computing in the Cloud BoF Presenter: Tomasz Bednarz <i>No presentation available</i>	User-facing Data Services and Capability Building – Institutional Development Presenters: Lyle Winton, Richard Ferrers and David Groenewegen <i>No presentation available</i>	Sustainability for eResearch Systems Presenters: Hamish Holewa and Duncan Dickinson PRESENTATION	
15:50-16:20	Afternoon break - Exhibition Area - Plaza Ballroom				
	Solutions Showcase - AeRO – Working together to provide consistently good support - Heath Cooper & Mark Smith				
	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P3	Concurrent Session Room: P2	Concurrent Session Room: P1	Concurrent Session Room: P4
	Big Data Challenges	Tools and Frameworks for eResearchers	The Engaged eResearcher	Virtual Laboratories in Genomics	Industry
16:20-16:40	Data-Intensive (e)Research and the Tyranny of Distance Presenter: Peter Elford PRESENTATION	Griffith University Computational Resource Framework Presenter: Andrew Lewis PRESENTATION	Getting from managed to reused: Making it easier for researchers to do something useful with data Presenter: Mingfang Wu PRESENTATION	Development of an Australia-wide Endocrine Genomics Virtual Laboratory Presenter: Loren Bruns PRESENTATION	Storage Challenges within Research Presenter: Charles Sevier iQ3 PRESENTATION
16:45-17:05	Meeting the Challenges of Accessibility and Usability of 'Big Data' for the Geosciences in the 21st Century Presenter: Lesley Wybom <i>No presentation available</i>	Research. Innovate. Collaborate. (RIC) A Framework for Research Collaboration Presenter: Mark Kosten PRESENTATION	Constructing or growing an e-Research culture? Engagement strategies for builders and gardeners Presenter: Vanessa Barrett and Cathy Miller PRESENTATION	Point/Counterpoint Should university libraries provide digital scholar's labs and expertise for linking data? Presenters: Rowan Brownlee, David Groenewegen and Ingrid Mason PRESENTATION	AeRO Presenter: Ann Borda AeRO PRESENTATION
17:10-17:30	Let's not make a 'Scene' Here! - A New Approach to Unlock the Potential of Landsat Data Presenter: Matthew Purs PRESENTATION	eResearch Support En Masse Presenters: Anders Boman and Patricia McMillan PRESENTATION	A Very Long Engagement: Making a Marriage of Ecology and eResearch Work Presenter: Marco Fahmi PRESENTATION	Point/Counterpoint Continued	
17:30-19:00	Poster Reception - Exhibition Area - Plaza Ballroom				

Tuesday 22 October 2013: Conference Day 2 - Research Impact day

08:00-08:30	Registration and coffee Plenary Sessions – Plaza Terrace Room
08:30-09:00	eResearch and the Masses - Whose Responsibility? Professor Tom Cochrane Deputy Vice-Chancellor Technology, Information and Learning Support Queensland University of Technology PRESENTATION
09:00-09:50	Biology in the world of data Professor Mark Ragan, Head of the Division of Genomics & Computational Biology, Institute for Molecular Bioscience and Professor in the School of Information Technology & Electrical Engineering, The University of Queensland PRESENTATION
09:50-10:40	It ain't over till the Big Data sings: Rethinking the production and delivery of eResearch Professor Deb Verhoeven, Chair of Media and Communication, Deakin University PRESENTATION
10:40-11:10	Morning break - Exhibition Area - Plaza Ballroom

	Solutions Showcase - CSIRO's Data Access Portal - Sue Cook and Dom Hogan, CSIRO				
	Plenary Sessions – Plaza Terrace Room				
11:10-11:40	Pretty pictures, but so much data – how can we share it? Graham Galloway, Chief Investigator, CCRE Spine; Group Leader of Imaging, Centre for Magnetic Resonance; Director of Operations, National Imaging Facility; Professorial Research Fellow, The University of Queensland PRESENTATION				
11:40-12:10	The increasing needs of climate change impact assessments Prof Jeremy VanDerWal, Deputy Director – eResearch Centre, Division of Research and Innovation; Spatial Ecologist, Centre for Tropical Biodiversity & Climate Change, School of Marine and Tropical Biology, James Cook University PRESENTATION				
12:10-13:10	Panel: Research impact of eResearch infrastructure. What worked and what hasn't Chair: Dr Nick Tate Participants: Prof Mark Ragan, Prof Deb Verhoeven, Prof Jeremy VanDerWal, Prof Graham Galloway and Prof Tom Cochrane <i>No presentation available</i>				
13:10-14:10	Lunch - Exhibition Area - Plaza Ballroom				
	Solutions Showcase 1 - CSIRO Workspace: Scientific Workflow Platform - Dr Damien Watkins, CSIRO				
	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P1	Concurrent Session Room: P3	Concurrent Session Room: P2	Concurrent Session Room: P4
	Tools for the eResearcher	Sharing and Reusing Data	The Collaborative eResearcher	The International eResearcher	Industry
14:10-14:30	MyTardis on NeCTAR: Massive Processing in the Cloud and Synchrotron Data For All Presenter: Steve Androulakis PRESENTATION	LERNZdb: a repository for freshwater quality data Presenter: Stefan Mutter PRESENTATION	The Griffith Research Hub: a case study in technical innovation, partnerships and strategic vision Presenters: Natasha Simons and Jo Morris PRESENTATION	High Throughput Computing For Globally Connected Science Presenter: Martin Seviar PRESENTATION	Future trends in Intel® platform technologies Presenter: Peter Kerney Intel PRESENTATION
14:35-14:55	The N.C.W. Beadle Herbarium database: an e-research tool available for wider use Presenter: Johan J. Boshoff PRESENTATION	Collecting with Intent: ANDS National Collections Program Presenter: Cynthia Love PRESENTATION	Building Blocks for Interoperable Repositories: Video Streaming Service Presenter: Eamon Smallwood PRESENTATION	Accessible Research Data Storage Presenter: Nick Tate RDSI <i>No presentation available</i>	NeSI's Experience as National Research Infrastructure Presenter: Kieron Mottley PRESENTATION
15:00-15:20	An institutional infrastructure for facilitating research data management Presenter: Arif Shaon PRESENTATION	Managing Data in Multi-partner Collaborations Presenter: Samantha Smith PRESENTATION	Data Management Planning using ReDBox Presenter: Amanda Nixon PRESENTATION	ORCID integration: A case study from ANDS and international development Presenters: Adrian Burton and Amir Aryani PRESENTATION	AeRO – eResearch Development into the Future Presenters: Jenni Harrison & Ann Borda, AeRO PRESENTATION
15:20-15:50	Afternoon break - Exhibition Area - Plaza Ballroom				
	Solutions Showcase - How to make useful research tools from data management chores - Daniel Tosello, La Trobe University				
	Birds of a Feather (BOF)				
	Concurrent Session Room: P1	Concurrent Session Room: P4	Concurrent Session Room: P3	Concurrent Session Room: P2	
	Impact of research support	Services and the cloud	Data Management & Sustainability	Education and Training	
15:50-16:50	Demonstrating the Research Value of Software Infrastructure Presenters: Nigel Ward, Glenn Moloney and Andrew Treloar <i>No presentation available</i>	NeCTAR NSP Presenters: Nick Golovachenko and Damien Mannix PRESENTATION	Meeting the Challenges of Sustainable eResearch Infrastructure BoF Presenters: Anthony Beitz, Steve Androulakis and David Groenewegen PRESENTATION (SA) PRESENTATION (JT) PRESENTATION (DG) PRESENTATION (AB)	Support, skills, services: building eResearch capacity /development through targeted training Presenters: Penny Cooke, Jenni Harrison and Belinda Weaver PRESENTATION (PC) PRESENTATION (BW)	
16:55-17:55	Epic Fails III Presenter: Joe Thurbon, Ann Borda and Rob Cook <i>No presentation available</i>	Improving the National Research Cloud Presenters: Nigel Ward and Glenn Moloney <i>No presentation available</i>	Redbox 2.0: Research Data Management In A Post-Metadata Stores World Presenter: Duncan Dickinson PRESENTATION	Education and Training Presenters: Valerie Maxville, and Bob Panoff PRESENTATION	
18:00-19:00	Pre-dinner drinks and Solutions Showcase – Plaza Ballroom Foyer and Plaza Ballroom (Exhibition Area)				
	Solutions Showcase 1 – Using eResearch tools in biobanking - Jason Bridge, Australian Schizophrenia Research Bank Solutions Showcase 2 – Applications of the Australian Geoscience Data Cube - Alex Ip, Geoscience Australia Solutions Showcase 3 – GET Galaxy - Genomics Virtual Lab - Ron Horst, the University of Queensland				
19:00-22:00	Conference Dinner – Plaza Terrace Room				

08:00-08:30	Registration and coffee				
	Plenary Sessions – Plaza Terrace Room				
08:30-08:35	Welcome Viviani Paz, eResearch Australasia Co-chair and Programme Director, RDSI				
08:35-09:05	DELL Platinum Address - The Unreasonable Effectiveness of computation in science Brendan Bouffler, Senior Manager for Asia, Global HPC & Research Computing Organization PRESENTATION				
09:05-09:55	Conducting Scientific research on the cloud Jamie Kinney, Principal Solution Architect empowering research and scientific computing at NASA, CERN, ESA, JAXA and others PRESENTATION				
09:55-10:45	Developing Enterprise Architectures to enable big data for the Higher Education sector Peter Nikolettatos, Chief Information Officer, The Australian National University PRESENTATION				
10:45-11:15	Morning break - Exhibition Area - Plaza Ballroom				
	Solutions Showcase - RDSI Allocation Request Management System (ARMS) - Duncan Dickinson, QCIF				
	Concurrent Session Room: P1	Concurrent Session Room: P2	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P3	
	The Mobile eResearcher	Virtual Laboratories	Visualisation	Enabling uptake of HPC	
11:15-11:35	Out of the Shadow of the Cloud: Recording Complex Data in the Middle of Nowhere Presenter: Joe Thurbon PRESENTATION	Virtual Geophysics Laboratory: Enabling a scientific marketplace Presenter: Robert Woodcock PRESENTATION	Textured 3D models derived automatically from photographs Presenter: Paul Bourke PRESENTATION	A RESTful Web Service for High Performance Computing based on Nimrod/G Presenter: Jan Hettenhausen PRESENTATION	
11:40-12:00	Mobile visualization and investigation of online molecular structure repositories Presenter: Sean Fleming PRESENTATION	Lessons from developing the Genomics Virtual Lab Presenter: Ron Horst PRESENTATION	Point/Counterpoint Customers vs. Collaborators. What is the best way to deliver eResearch Tools and Infrastructure to researchers? Presenters: Joe Thurbon, Glenn Moloney, Nick Tate, Guido Aben and Richard Sinnott No presentation available	Advanced Scientific Computing in CSIRO: A Case for Resource Diversity Presenter: Alfred Uhlherr No presentation available	
12:05-12:25	TissueStack: on Open Source HTML5 3D voxel image viewing platform Presenter: Andrew Janke PRESENTATION	Early Outcomes of the Characterisation Virtual Laboratory Presenter: Wojtek Goscinski and Anitha Kannan No presentation available	Point/Counterpoint Continued	GA's transition to High Performance Computing: New Frontiers, New Paradigms, New Science. Presenter: Lesley Wyborn No presentation available	
12:25-13:25	Lunch - Exhibition Area - Plaza Ballroom				
	Solutions Showcase (in The Lounge) - Making the AAF easier for developers - Bradley Beddoes, Technical Architect, Australian Access Federation				
	Concurrent Session Room: P3	Concurrent Session Room: P2	Concurrent Session Room: Plaza Terrace Room	Concurrent Session Room: P1	
	The Marine eResearcher	Sharing and Re-using Data	The Humanities eResearcher	The eResearcher in the Cloud	
13:25-13:45	Automating Online Reef Report Cards Presenter: Tim Dettrick No presentation available	Avoiding the rocks and a hard place: A paradigm for facilitating reuse of complex data Presenter: David Turner PRESENTATION	Beyond Discovery: Digital Scholarship, Connected Communities and the Evolution of Trove Presenter: Tim Sherratt PRESENTATION	MILXCloud: A faster, smarter way to process Medical imaging data in the cloud Presenter: Neil Burdett	
13:50-14:10	Development of a real-time storm surge inundation forecasting system using high-performance computing for disaster management, Queensland Presenter: Joanna Burston No presentation available	Introducing next year's model, the data-crate; applied standards for data-set packaging Presenter: Peter Sefton PRESENTATION	Point/Counterpoint Is eResearch in Australia Globally Engaged? Facilitator: Rob Cook Presenters: David Abramson, Ian Atkinson, Graham Cameron and Ross Wilkinson No presentation available	Building Synthetic Universes in the Cloud: The Theoretical Astrophysical Observatory Presenter: Darren Croton PRESENTATION	
14:15-14:35	Redmap: an online citizen science project for collecting and mapping observational marine species data Presenter: Peter Walsh PRESENTATION	Data Citation and Sharing in Australian Social Science – How, When and Why? Presenter: Steven McEachern PRESENTATION	Point/Counterpoint Continued	A "Science Distribution Network" – Hadoop/ownCloud synchronised across the Tasman Presenter: Guido Aben PRESENTATION	

14:35-15:00	Afternoon Break - Exhibition Area - Plaza Ballroom
	Solutions Showcase - From Crisis Communication to Political Elections – Dynamic Twitter Research - Troy Sadkowsky, QUT
	Plenary Sessions – Plaza Terrace Room
15:00:15:15	Hackathon Winners' announcement
15:15-16:05	eResearch support at UCT from zero to hero Izak (Sakkie) Janse van Rensburg, Executive Director: ICTS, University of Cape Town PRESENTATION
16:05-16:15	Closing Remarks Dr Nick Tate, Director, eResearch Conference Co-chair, RDSI

Thursday 24 October 2013: Workshops

08:30-09:00	Workshop registration and coffee		Morning Tea: 10:30-11:00	
	Workshop Room: P2	Workshop Room: P3	Workshop Room: P4	Workshop Room: P1
09:00-12:30	'Big Data' in Earth and Environmental Sciences: what are the real challenges? Conveners: Lesley Wyborn, Rahul Ramachandran, Ben Evans and Andrew Treloar <i>No presentation available</i>	Image Analysis and Processing in the Clouds using Scalable eResearch Workflow-Based System Convener: Tomasz Bednarz PRESENTATION 1 PRESENTATION 2 PRESENTATION 3 PRESENTATION 4 PRESENTATION 5 PRESENTATION 6 PRESENTATION 7	AAF Tools and Services for the Masses Conveners: Terry Smith, Bradley Beddoes and Heath Marks PRESENTATION	Making Data-Centric Research work Presented by RDSI PRESENTATION
12:30-13:15	Lunch		Afternoon Tea: 14:45-15:15	
	Workshop Room: P4	Workshop Room: P3	Workshop Room: P2	
13:15-16:45	AURIN Workshop Conveners: Jack Barton and Martin Tomko PRESENTATION	Genomics Virtual Laboratory Workshop Conveners: Mark Crowe and Ron Horst <i>No presentation available</i>	Connecting the DOIs: data citation from planning to reward Conveners: Karen Visser, Natasha Simons, Sam Searle, Dave Connell, Siddeswara Guru, Dominic Hogan, Anne Stevenson and Gerry Ryder PRESENTATION 1 PRESENTATION 2 PRESENTATION 3 PRESENTATION 4 PRESENTATION 5 PRESENTATION 6 PRESENTATION 7	

Friday 25 October 2013: Workshops

08:30-09:00	Workshop registration and coffee		Morning Tea: 10:30-11:00	
	Workshop Room: P3	Workshop Room: P4		
09:00-12:30	OpenConext Workshop "Down Under" Conveners: Neil Witheridge and Niels Van Dijk PRESENTATION 1 PRESENTATION 2 HANDOUT 1 HANDOUT 2	How to tell your story Convener: Patricia McMillan <i>No presentation available</i>		
12:30-13:15	Lunch		Afternoon Tea: 14:45-15:15	
	Workshop Room: P3			
13:15-16:45	OpenConext Workshop "Down Under" Continued			