

12-14 February 2018 | Rydges Hotel Queenstown

eResearch NZ 2018

Monday 12 February

8:00	Registration Open			
10:00 - 11:10	Session: Opening Keynote			
10:00	Conference Welcome Address: Nick Jones			
10:10	Keynote Address - Karthik Ram			
11:10 - 11:30	Morning Tea			
11:30 - 12:45	Session: Plenary			
11:30	Brendon Bradley - HPC utilization in end-to-end earthquake resilience research: QuakeCoRE as an example of the importance of science and software			
12:05	Richard Sinnott - Harnessing the wisdom of crowds (36)			
12:45 - 13:45	Lunch			
13:45 - 15:05	Breakout Sessions 1 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
13:45	Workshop: Nick Jones - What does our advanced computing ecosystem look like? Part 1 (56)	Workshop: Ian Foster and Rick Wagner - Simplified Research Data Management with Globus SaaS	Finlay Thompson - Using modern data science practice to manage software complexity in bioinformatics (18)	
14:25			Bruno Lago - Research innovation with Object Storage (7)	
14:45			Rob Elshire - Innovation through Sharing – Expanding Opportunity (26)	
15:05 - 15:30	Afternoon Tea			
15:30 - 17:30	Breakout Sessions 2 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
15:30	Nick Jones - What do researchers need done? (55)	Workshop: Ian Foster and Rick Wagner - Simplified Research Data Management with Globus SaaS (continued)	Steven Vanderwalk - Quantifying informal contributions to publications by designing and distributing a "collaborative" DOI	Workshop: Aleksandra Pawlik - Research Software Engineers (abstract remains to be submitted)
15:50			Brian Flaherty - Exposure and Discovery: surfacing NZ research and researchers (52)	
16:10	Nicole Fergusson - REANNZ Strategic Update (6)		Anne Harvey - Using global research activity for informed, data-driven research administration (28)	
16:30			Lightning Talk - Yvette Wharton - 'RAiDers of The Lost Ark' - a 12 month journey exploring persistent identifiers for research activities (49)	
			Jose Higinio - Blockchain vision into Research (what can we expect) (29)	
16:50	Jenni Harrison - ADACS – a model for delivering data services, computing Infrastructure and expert training (31)			
17:10	Steve Cotter - An introduction to the newest Regional Research Institute: the Centre for Space Science Technology (27)			
17:30 - 18:30	Break			
18:30 - 19:30	Welcome to Conference Reds, Level 6, Rydges Lakeland Resort			

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Tuesday 13 February				
8:15	Registration Open			
9:00 - 10:20	Session: Plenary/Keynote			
9:00	TBC			
9:20				
9:40				
10:00				
10:20 - 11:10	Morning Tea			
11:10 - 12:30	Breakout Sessions 3 Session: Strategic	Session: Technical data session	Session: Innovation	Session: Early Career / Professional Development
11:10		Ian Foster - The Modern Research Data Portal: A design pattern for networked, data-intensive science (44)	Sat Mandri - Federated Identity Management for Research (FIM4R) - a catalyst for digital transformation (2)	Murray Cadzow - Reproducible research: A year of digital literacy training at the University of Otago (15)
11:30		Adele Haythornthwaite - Being a research data 'shepherd': how University of Sydney brought Dropbox users into the fold (34)	Stuart Impey - The Evolution of Product Development (8)	Lin Lin - Connective tissue: Librarians role in e-research support (1)
11:50		David Fellingner - Coping with "Big Data" in Research Computing (3)	Rangan Sukumar - applications of machine learning (abstract still to be submitted)	Georgina Rae / Fabiana Kubke - NeSI's Training Strategy (abstract to be submitted)
12:10		Alan Hyndman - State of Open Science (58)		
12:30 - 13:30	Lunch			
13:30 - 15:10	Breakout Sessions 4 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
13:30		Stuart Impey - Hawaiki – connecting New Zealand's R&E sector to the world via a second Trans-Pacific cable (5)	Gillian Elliot - Data Management Planning Tool: Design, implementation and end goal, Pt 1 (30)	Patrick Rynhart - Democratizing eResearch support at Massey University (57)
13:50		Prashant Gupta - CKAN – Towards an integrated data management service for research instruments (51)	Laura Armstrong - Data Management Planning Tool: Design, implementation and end goal (Pt 2) (32)	Cam Mclean - Research Hub: Design and realisation of better connected research IT support services. (42)
14:10		Dan Sun - Software package management via Condor (47)	Erin Skinner - How to eat an elephant: Planning and carrying out a Research Data Management Pilot Project (10)	Katie Wilson - Collaborating to provide eResearch support for Early Career Researchers (11)
14:30		David Kelly - Acclimatising to New Zealand's newest Supercomputers (48)	Gavin Kennedy - ReDBox: Supporting the Research Data Life Cycle (39)	Shiobhan Smith - Let's start at the very beginning, a very good place to start (13)
14:50		Ian Foster - Deploying machine learning: Interactive, scalable, reproducible data science (43)	Gareth Denyer - Analysis of the Effectiveness of Research Data Management Plans (37)	Jonah Duckles - Software Carpentry: Self Assessments by Workshop Attendees of Changes in Confidence and Motivation (21)
15:10 - 15:40	Afternoon Tea			
15:40 - 17:20	Breakout Sessions 5 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
15:40	Workshop: Nick Jones - What does our advanced computing ecosystem look like? Part 2 (56)	Felipe Ayora - Trends Observed in Cloud Computing for eResearch (54)		
16:00		Jason He - MLaaS: A Resource Efficient, GPU Accelerated Machine Learning Cloud Platform (50)		
16:20		Sean Matheny - NeCTAR Research Cloud Pilot at University of Auckland (46)		
16:40		Jo Morris - The Nectar Cloud: reflections and future directions (59)		
17:00		Lightning Talk - Aleksandra Pawlik - Genomics Virtual Lab in NZ (abstract to be submitted)		
17:20				
17:20 - 18:30	Break			
18:30 - 19:30	Conference Dinner sponsored by Cray The Grille by Eichardts, 9 Marine Parade, Queenstown			

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Wednesday 14 February				
8:15	Registration Open			
9:00 - 10:40	Breakout Sessions 6 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
9:00	Workshop: Max Wilkinson - The Emerging Ecology of Persistent IDs in New Zealand Research (17)	Workshop: Ian Foster and Rick Wagner - Building Data Portals and Science Gateways with Globus PaaS	Alex Pletzer - The LFRic project: Developing software for a next generation weather and climate model (22)	Workshop: Nokome Bentley - Bridging the Reproducibility Gap: a hands on introduction to Stencila (35)
9:20			Lightning Talks - Stephanie Guichard - Altmetrics: 'big data' that map the influence of New Zealand research (33) Alan Tan - LUCE – a platform for LiDAR data processing and analysis (53) Jonny Williams - Earth System Modelling on the Cray XC-50 QuakeCoRE (TBC) - Cybershake NZ: Simulation-based Probabilistic Seismic Hazard Analysis (PSHA) for New Zealand (23) QuakeCoRE (TBC) - SeisFinder: A Web Portal For Serving Ground Motion Simulation Data	
10:00			Chris Scott - Using GPUs to expand our understanding of the Solar System (16)	
10:20			Sarah Nisbett - Digitisation Workflows for Research (41)	
10:40 - 11:10	Morning Tea			
11:10 - 12:30	Breakout Sessions 7 Session: Strategic	Session: Technical	Session: Innovation	Session: Early Career / Professional Development
11:10	Workshop: Max Wilkinson - The Emerging Ecology of Persistent IDs in New Zealand Research (17) (continued)	Workshop: Ian Foster and Rick Wagner - Building Data Portals and Science Gateways with Globus PaaS (continued)	Paul Gunn - Deploying a perfSONAR mesh for continuous network testing (12)	Workshop: Nokome Bentley - Bridging the Reproducibility Gap: a hands on introduction to Stencila (35) (continued)
11:30			Wolfgang Hayek - Getting the most out of NeSI's new HPC platforms (20)	
11:50			David Eysers - Collaborative typesetting pipelines (including discussion of why eResearch NZ's template needn't be DOCX) (38)	
12:10			Tom Crumpton - Security at REANNZ (4)	
12:30 - 13:30	Lunch & Conference End			
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