

# eResearch NZ 2018


## Monday 12 February

8:00	<b>Registration Open</b>			
10:00 - 11:10	<b>Session: Opening Keynote</b>			<b>Coronet / Remarkables</b> <b>Chair: Nick Jones</b>
10:00	Conference Welcome Address: Nick Jones			
10:10	<a href="#">Keynote: Margaret Hyland - The New Zealand Research, Science and Innovation System – Opportunities and Challenges</a>			
11:10 - 11:30	<b>Morning Tea</b>			
11:30 - 12:30	<b>Session: Keynote</b>			<b>Coronet / Remarkables</b> <b>Chair: Jonah Duckles</b>
11:30	<a href="#">Keynote: Karthik Ram - Empowering the next generation of reproducible open science</a>			
12:30 - 13:30	<b>Lunch</b>			
13:30 - 15:05	<b>Breakout Sessions 1</b> Session: Strategic <i>Coronet</i>	Session: Technical <i>Clancy's</i>	Session: Innovation - <b>Chair: Mike Ladd</b> <i>Remarkables</i>	Session: Early Career / Prof Development <i>Wakatipu</i>
13:30	<a href="#">Workshop: Nick Jones and Mark Dietrich - What does our advanced computing ecosystem look like? Part 1 (56)</a>	<a href="#">Workshop: Ian Foster and Rick Wagner - Building Data Portals and Science Gateways with Globus PaaS (61)</a>	<a href="#">Finlay Thompson - Using modern data science practice to manage software complexity in bioinformatics (18)</a>	
13:50			<a href="#">Bruno Lago - Research innovation with Object Storage (7)</a>	
14:20			<a href="#">Rob Elshire - Innovation through Sharing – Expanding Opportunity (26)</a>	
14:40				
15:00 - 15:30	<b>Afternoon Tea</b>			
15:30 - 17:30	<b>Breakout Sessions 2</b> Session: Strategic <b>Chair Robin Bensley</b> <i>Coronet</i>	Session: Technical <i>Clancy's</i>	Session: Innovation <b>Chair: Max Wilkinson</b> <i>Remarkables</i>	Session: Early Career / Prof Development <b>Chair: Prashant Gupta</b> <i>Wakatipu</i>
15:30	<a href="#">Michael Uddstrom - New Zealand's National HPC Service: Turning Promises into Reality (63)</a>	<a href="#">Workshop: Ian Foster and Rick Wagner - Building Data Portals and Science Gateways with Globus PaaS (61) (continued)</a>	<a href="#">Steven Vandervalk - Quantifying informal contributions to publications by designing and distributing a "collaborative" DOI (45)</a>	<a href="#">Patrick Rynhart - Democratizing eResearch support at Massey University (57)</a>
15:50			<a href="#">Brian Flaherty - Exposure and Discovery: surfacing NZ research and researchers (52)</a>	<a href="#">Cam McLean - Research Hub: Design and realisation of better connected research IT support services. (42)</a>
16:10	<a href="#">Nicole Ferguson - REANZ Strategic Update (6)</a>		<a href="#">Anne Harvey - Using global research activity for informed, data-driven research administration (28)</a>	<a href="#">Katie Wilson - Collaborating to provide eResearch support for Early Career Researchers (11)</a>
16:30			<a href="#">Lightning Talk - Laura Armstrong - 'RAiDers of The Lost Ark' - a 12 month journey exploring persistent identifiers for research activities (49)</a>	<a href="#">Shiobhan Smith - Let's start at the very beginning, a very good place to start (13)</a>
			<a href="#">Jose Higino - Blockchain vision into Research (what can we expect) (29)</a>	
16:50	<a href="#">Andrew Rohl - ADACS – a model for delivering data services, computing Infrastructure and expert training (31)</a>			
17:10				
17:30 - 18:30	<b>Break</b>			
18:30 - 19:30	<b>Welcome to Conference</b> <i>Reds, Level 6, Rydges Lakeland Resort</i>			

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## Tuesday 13 February

8:15	<b>Registration Open</b>			
8:30 - 10:30	<b>Session: Plenary/Keynote</b>			<b>Coronet/Remarkables</b> <b>Chair: Mik Black</b>
8:30	<a href="#">Keynote: Christine Kirkpatrick - How Data Science &amp; Big Data are Reshaping Research Computing</a>			
9:30	<a href="#">Keynote: Kim Handley - Computational strategies and challenges in meta-omics research, and the role of Genomics Aotearoa</a>			
10:30-11:00	<b>Morning Tea</b>			
11:00-12:20	<b>Breakout Sessions 3</b>			
	Session: Strategic <b>Chair: Alex Pluetzer</b> <i>Coronet</i>	Session: Technical data <b>Chair: Brian Flaherty</b> <i>Clancy's</i>	Session: Innovation <b>Chair: Chris Scott</b> <i>Remarkables</i>	Session: Early Career / Prof Development <b>Chair: Georgina Rae</b> <i>Wakatipu</i>
11:00	<a href="#">Brendon Bradley - HPC utilization in end-to-end earthquake resilience research: QuakeCoRE as an example of the importance of science and software engineering collaboration (25)</a>	<a href="#">Ian Foster - The Modern Research Data Portal: A design pattern for networked, data-intensive science (44)</a>	<a href="#">Sat Mandri - Federated Identity Management for Research (FIM4R) - a catalyst for digital transformation (2)</a>	<a href="#">Murray Cadzow - Reproducible research: A year of digital literacy training at the University of Otago (15)</a>
11:20	<a href="#">Richard De Rozario - Harnessing the wisdom of crowds (36)</a>	<a href="#">Adele Haythornthwaite - Being a research data 'shepherd': how University of Sydney brought Dropbox users into the fold (34)</a>	<a href="#">Stuart Impey - The Evolution of Product Development (8)</a>	<a href="#">Lin Lin - Connective tissue: Librarians role in e-research support (1)</a>
11:40		<a href="#">David Fellingner - Coping with "Big Data" in Research Computing (3)</a>	<a href="#">Mike Ladd and Jose Higinio - Kupe, Māui and Mahuika (67)</a>	<a href="#">Fabiana Kubke - Reflecting on NeSI's Training Efforts (60)</a>
12:00		<a href="#">Patrick Splawa-Neyman - State of Open Data (58)</a>		<a href="#">Jonah Duckles - Software Carpentry: Self Assessments by Workshop Attendees of Changes in Confidence and Motivation (21)</a>
12:20 - 13:30	<b>Lunch</b>			
13:30 - 15:10	<b>Breakout Sessions 4</b>			
	Session: Strategic <b>Chair: Sat Mandri</b> <i>Coronet</i>	Session: Technical <b>Chair: John Bancroft</b> <i>Clancy's</i>	Session: Innovation <b>Chair: Cam McLean</b> <i>Remarkables</i>	Session: Early Career / Prof Development <i>Wakatipu</i>
13:30	<a href="#">Steve Cotter - An introduction to the newest Regional Research Institute: the Centre for Space Science Technology (27)</a>	<a href="#">Stuart Impey - Hawaiiki - connecting New Zealand's R&amp;E sector to the world via a second Trans-Pacific cable (5)</a>	<a href="#">Gillian Elliot - Data Management Planning Tool: Design, implementation and end goal. Pt 1 (30)</a>	<a href="#">Birds of a feather: Jonah Duckles and Fabiana Kubke - Digital literacy for research: what have we achieved, and where do we want to go, together?</a>
13:50	<a href="#">Cris Print - Genomics Aotearoa, new opportunities for eResearch in NZ</a>	<a href="#">Prashant Gupta - CKAN - Towards an integrated data management service for research instruments (51)</a>	<a href="#">Laura Armstrong - Data Management Planning Tool: Design, implementation and end goal (Pt 2) (32)</a>	
14:10	<a href="#">Ian Foster - Deploying machine learning: Interactive, scalable, reproducible data science (43)</a>	<a href="#">David Kelly - Acclimatising to New Zealand's newest Supercomputers (48)</a>	<a href="#">Erin Skinner - How to eat an elephant: Planning and carrying out a Research Data Management Pilot Project (10)</a>	
14:30	<a href="#">Rangan Sukumar - The convergence of Big Data, AI and HPC (72)</a>	<a href="#">Jorge Bornemann - Heterogeneity in Observation Processing Systems (19)</a>	<a href="#">Gavin Kennedy - ReDBox: Supporting the Research Data Life Cycle (39)</a>	
14:50			<a href="#">Adele Haythornthwaite - Analysis of the Effectiveness of Research Data Management Plans (37)</a>	
15:10 - 15:40	<b>Afternoon Tea</b>			
15:40 - 17:20	<b>Breakout Sessions 5</b>			
	Session: Strategic <i>Coronet</i>	Session: Technical <b>Chair: Marcus Gustafsson</b> <i>Clancy's</i>	Session: Innovation <i>Remarkables</i>	Session: Early Career / Prof Development <i>Wakatipu</i>
15:40	<a href="#">Workshop: Nick Jones and Mark Dietrich - What does our advanced computing ecosystem look like? Part 2 (56)</a>	<a href="#">Felipe Ayora - Trends Observed in Cloud Computing for eResearch (54)</a>		<a href="#">Workshop: Aleksandra Pawlik - Research Software Engineers in Aotearoa-New Zealand - Birds of a Feather (64)</a>
16:00		<a href="#">Jason He - MLaaS: A Resource Efficient, GPU Accelerated Machine Learning Cloud Platform (50)</a>		
16:20		<a href="#">Paul Coddington &amp; Jo Morris - The Nectar Cloud: reflections and future directions (59)</a>		
16:40		<a href="#">Sean Matheny - NeCTAR Research Cloud Pilot at University of Auckland (46)</a>		
17:00		<a href="#">Dan Sun - Software package management via Condor (47)</a>		
17:20				
17:20 - 18:30	<b>Break</b>			
18:30	<b>Conference Dinner sponsored by CRAY</b> <i>The Grille by Eichardt's, 9 Marine Parade, Queenstown</i>			

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# eResearch NZ 2018

## Wednesday 14 February

8:30	Registration Open			
9:00 - 10:40	<b>Breakout Sessions 6</b>			
	Session: Strategic	Session: Technical	Session: Innovation <b>Chair: Wolfgang Hayek</b>	Session: Early Career / Prof Development
	<i>Coronet</i>	<i>Clancy's</i>	<i>Remarkables</i>	<i>Wakatipu</i>
9:00	<a href="#">Workshop: Max Wilkinson - The Emerging Ecology of Persistent IDs in New Zealand Research (17)</a>	<a href="#">Workshop: Ian Foster and Rick Wagner - Simplified Research Data Management with Globus SaaS (62)</a>	<a href="#">Alex Pletzer - The LFRic project: Developing software for a next generation weather and climate model (22)</a>	<a href="#">Workshop: Nokome Bentley - Bridging the Reproducibility Gap: a hands on introduction to Stencila (35)</a>
9:20			<a href="#">Lightning Talks - Stephanie Guichard - Altmetrics: 'big data' that map the influence of New Zealand research (33)</a>	
			<a href="#">Alan Tan - LUCE - a platform for LiDAR data processing and analysis (53)</a>	
			<a href="#">Jonny Williams - Earth System Modelling on the Cray XC-50 (9)</a>	
			<a href="#">QuakeCoRE (TBC) - Cybershake NZ: Simulation-based Probabilistic Seismic Hazard Analysis (PSHA) for New Zealand (23)</a>	
			<a href="#">QuakeCoRE (TBC) - SeisFinder: A Web Portal For Serving Ground Motion Simulation Data (24)</a>	
			<a href="#">Aleksandra Pawlik - Genomics Virtual Lab in NZ (66)</a>	
10:00			<a href="#">Chris Scott - Using GPUs to expand our understanding of the Solar System (16)</a>	
10:20			<a href="#">Sarah Nisbett - Digitisation Workflows for Research (41)</a>	
10:40 - 11:10	<b>Morning Tea</b>			
11:10 - 12:30	<b>Breakout Sessions 7</b>			
	Session: Strategic	Session: Technical	Session: Innovation <b>Chair: Georgina Rae</b>	Session: Early Career / Prof Development
	<i>Coronet</i>	<i>Clancy's</i>	<i>Remarkables</i>	<i>Wakatipu</i>
11:10	<a href="#">Workshop: Max Wilkinson - The Emerging Ecology of Persistent IDs in New Zealand Research (17) (continued)</a>	<a href="#">Workshop: Ian Foster and Rick Wagner - Simplified Research Data Management with Globus SaaS (62) (continued)</a>	<a href="#">Paul Gunn - Deploying a perfSONAR mesh for continuous network testing (12)</a>	<a href="#">Workshop: Nokome Bentley - Bridging the Reproducibility Gap: a hands on introduction to Stencila (35) (continued)</a>
11:30			<a href="#">Wolfgang Hayek - Getting the most out of NeSI's new HPC platforms (20)</a>	
11:50			<a href="#">David Eyers - Collaborative typesetting pipelines (including discussion of why eResearch NZ's template needn't be DOCX) (38)</a>	
12:10			<a href="#">Tom Crumpton - Security at REANNZ (4)</a>	
12:30 - 13:30	<b>Lunch &amp; Conference End</b>			

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