

## Tuesday 9th February

8:30	9:30	<b>Registration Open, Level 5 Foyer, Rydges Lakeland Resort, Queenstown</b>			
<b>QUEENSTOWN</b>					
9:30	10:45	<b>Session:</b> Opening Plenary <b>Conference Welcome Address:</b> Nicole Ferguson, CEO, REANNZ  <b>Plenary Address:</b> Inder Monga, Division Deputy for Technology, Chief Technology Officer, ESnet <b>ESNet and the PRP</b>			
<b>Break sponsored by Cray</b>					
		<b>QUEENSTOWN</b>		<b>REMARKABLES</b>	
11:15	11:45	<b>Session:</b> Community: Update <b>Chair:</b> Charles Yun  <b>NeSI Update</b>	<b>Session:</b> Tools and skills (A) <b>Chair:</b> Fabiana Kubke  <b>Supporting research software community through training at the Software Sustainability Institute</b> Aleksandra Pawlik, Software Sustainability Institute, University of Manchester		
11:45	12:15	<b>NZGL Update</b>	<b>Growing NZ Researcher's Computing Capability – Software Carpentry Workshops in NZ</b> Georgina Rae, NeSI		
12:15	12:45	<b>REANNZ Update</b>	<b>Opening the Science: using a Mozilla Study Group to help grow an open science culture</b> Mik Black, University of Otago		
<b>12:45 14:00 Lunch</b>					
		<b>QUEENSTOWN</b>	<b>REMARKABLES</b>	<b>WAKITIPU</b>	<b>CLANCY</b>
14:00	14:30	<b>Session:</b> Community: Compute <b>Chair:</b>  <b>Ground motion simulations of damaging recent and future earthquakes using NeSI HPC resources</b> Brendon Bradley, University of Canterbury	<b>Session:</b> SDN <b>Chair:</b> Ian Welch  <b>Faucet: The REANNZ Software Defined Office Network</b> Christopher Lorier, REANNZ	<b>Session:</b> Data deluge (A) <b>Chair:</b>  <b>Collaboration or Imposition: Developing a Data Management Plan at the University of Otago</b> Shiobhan Smith, University of Otago	Open Birds of a Feather
14:30	15:00	<b>An HPC Implementation of the Finite Element Method</b> John Rugis, NeSI	<b>Black-box Testing of In-Line Functionality in SDN Networks</b> Matt Stevens, Victoria University of Wellington	<b>Trust but verify: fisheries science in the cloud.</b> Finlay Thompson, Dragonfly Data Science	
15:00	15:30		<b>The ANZ SDN Testbed</b> David Wilde		
<b>15:30 16:00 Break</b>					
		<b>QUEENSTOWN</b>	<b>REMARKABLES</b>	<b>WAKITIPU</b>	<b>CLANCY</b>
16:00	16:30	<b>Session:</b> Community: NeSI <b>Chair:</b>  <b>The NeSI National Platforms Framework</b> Michael Uddstrom, NeSI	<b>Session:</b> Community: CRI (A) <b>Chair:</b> Rob Elshire  <b>Beyond Moore's Law: Dealing with Change in the Genomic Era Presentation</b> Rob Elshire, The Elshire Group Limited	<b>Session:</b> Data deluge (B) <b>Chair:</b>  <b>Caching and Load Shedding in Semi-Stream Joins for Skewed Big Data</b> Muhammad Asif Naeem, AUT	
16:30	17:00	<b>Early Experiences with Cloud Bursting Managed by Slurm at NeSI</b> Jordi Blasco, NeSI	<b>NZGL – NeSI Alliance Presentation</b> Dan Sun, NeSI Nic Mair, NZGL	<b>Joining Technical and Cultural Concerns: Managing Research Data</b> Max Wilkinson, JMW Consulting	
17:00	17:30	<b>Acceleration made easy – speeding up your science codes with (fairly) little effort</b> Wolfgang Hayek, NeSI/NIWA	<b>Global collaboration and exchange of research tools</b> Bruno Lago, Catalyst IT	<b>Accelerating High Performance Cluster Computing Through the Reduction of File System Latency</b> David Fellingner, DataDirect Networks, Inc.	
<b>17:30 18:00 Break</b>					
<b>CLANCY</b>					
18:00	20:30	<b>Session:</b> Drinks & Demo <b>Chair:</b> Charles Yun  <b>BioUno - Building Pipelines for life sciences with Jenkins</b> - Bruno Kinoshita, NIWA <b>AUT - Research Data Management Solution</b> - Ella Hodgson, AUT <b>REANNZ Video Demo</b>			



## Thursday 11th February

7:00	9:00	Complimentary breakfast for all sponsored by Aspera. Also 6K fun run/walk for those that want some early morning exercise.			
		<b>QUEENSTOWN</b>		<b>FIRESIDE BAR</b>	
9:30	10:10	<b>Session:</b> Tools and skills (C) <b>Chair:</b> <b>Autonomic cloud provisioning for scientific workloads</b> Ryan Chard, Victoria University of Wellington		<b>Session:</b> <b>Chair:</b> <b>Software Carpentry and Data Carpentry: Our stories so-far</b> Jonah Duckles, The Software Carpentry Foundation	
10:10	10:45	<b>Enriching books and printed theses with linked digital artefacts</b> David Eysers, University of Otago		<b>Digital Literacy and Scholarship for Researchers at the University of Auckland</b> Fabiana Kubke, Anatomy and Medical Imaging, University of Auckland	
10:45	11:15	<b>Break sponsored by Figshare</b>			
		<b>QUEENSTOWN</b>	<b>REMARKABLES</b>	<b>WAKITIPU</b>	<b>CLANCY</b>
11:15	11:45	<b>Session:</b> Community: CRI (C) <b>Chair:</b> <b>Global distributed computing used to diagnose changes in New Zealand's extreme weather with global warming</b> Suzanne Rosier, NIWA	<b>Session:</b> Security <b>Chair:</b> <b>Using Test Ranges for Cyber Security Research</b> Abigail Koay, Victoria University of Wellington		
11:45	12:15	<b>Satellite image processing in a High Performance Computing environment</b> Markus Mueller, Landcare Research	<b>GCSB: Cyber Security, Supporting safe e-research</b> Ralph Chivers, Government Communications Security Bureau		Open Birds of a Feather
12:15	12:45		<b>REANNZ Security Services Strategy and Roadmap</b> Carlos Chora, REANNZ		
12:45	14:00	<b>Lunch</b>			
<b>Conference End</b>					