

eResearch 2020 – NSC | CoRE Infrastructure Workshop

Guest speaker: Dist. Professor Peter Hunter

17th June 2014

9:30am – 3:20pm (*lunch provided*)

Te Raukura Wharewaka Function Centre
15 Jervois Quay, Wellington Central [\[map\]](#)

Programme

9:30am

Welcome

9:45 – 10:15am

Opening: Guest speaker – Professor Peter Hunter

“The Royal Society Review of the New Zealand Research System”

Peter Hunter is currently a Professor of Engineering Science and Director of the Bioengineering Institute at the University of Auckland which he established in 2001. Professor Hunter is also Director of Computational Physiology at Oxford University and holds honorary or visiting Professorships at a number of Universities.



As well as service on the scientific advisory boards of a number of Research Institutes in Europe, the US and the Asia-Pacific region, he is an elected Fellow of the Royal Society (London and NZ), the World Council for Biomechanics, the American Institute for Medical and Biological Engineering, and the International Academy of Medical & Biological Engineering. In addition, Professor Hunter is a former Chair of the Marsden Fund, a member of the Peak Panel for the National Science Challenges, a Director of Callaghan Innovation, and Chair of the European Virtual Liver Network Scientific Advisory Board.

10:15am – 10:45am

Introduction to NZ’s eResearch Digital Infrastructure Organisations

- Professor Bill Denny, NZ Genomics Ltd (NZGL)
- Nick Jones, NZ eScience Infrastructure (NeSI)
- Steve Cotter, Research & Education Advanced Network NZ (REANNZ)

10:45 – 12:00

Session 1: *Forward Thinking – how is technology altering our goals and methods in research?*

To what extent can we anticipate the shape of a data informed and enabled society, economy, and research sector in the coming years? How are the norms and expectations changing in major areas of our lives and our work?

12pm – 12:45pm

Lunch

12:45 – 1:15pm

Overview: *Vocabulary & framework for aligning Digital Infrastructure Strategies*
(Glen Slater, eResearch 2020)

1:15 – 2:00pm

Session 2: *Identifying Shared Needs – Digital Infrastructure for NSC and CoREs*

Identification of indicative infrastructure needs, where these needs align across multiple initiatives, and where specialised infrastructure capability might be needed.

2:00 – 2:30pm

Remarks: Guest Speaker – Professor James Metson

“Development of Research Infrastructure Planning and Thinking in New Zealand”

Professor Jim Metson is currently Deputy Dean of the Faculty of Science at The University of Auckland and has recently been appointed Chief Science Advisor to the Ministry of Business, Innovation & Employment. Formerly chair of the Research Infrastructure Advisory Group, Professor Metson is an Emeritus Investigator at The MacDiarmid Institute for Advanced Materials and Nanotechnology, and an Associate Director of the Light Metals Research Centre.



2:30 – 3:15pm

Session 3: *Defining Outcomes*

Development of detailed descriptions of NSC/CoRE shared needs in digital research infrastructure and identification of how these needs might best be met for major groups.

3:15 – 3:30

Closing: Glen Slater, www.eresearch2020.org.nz