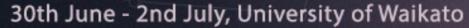# Call for Participation

Thank you for your interest in participating in eResearch NZ 2014. We welcome submissions for 5 minute **lightning talks**, 15 minute **presentations**, **posters**, and **workshops** and **demonstrations** of work underway or complete within the last year.

Aims

eResearch NZ, as a national forum for discussion, aims to:

- Promote shared approaches to supporting eResearch needs, across institutions and disciplines

- Highlight current and emerging research priorities and discuss how eResearch can enable Research, including by drawing on experience from other regions where similar activities are further progressed and where these initiatives might translate to meet NZ research needs

- Share work in progress and outcomes from projects and programmes employing related technologies, platforms, and approaches.

Themes

The conference will act as a national forum for discussion around the following themes:

real world: eResearch enables science to address real world problems, enabling current and future research communities and practices. New Zealand's research sector is currently establishing collaborative approaches to science, including for our most pressing national science challenges, many of which will require eresearch to support their work.

data science: The exponential growth of data is forcing researchers to adopt novel data analytical tools, such as machine learning and data mining, to make big data small again

education: new skills and career paths are emerging in New Zealand, based around applying advanced computing to research. Meanwhile, both new and established scientists are starting to need these skills in order to keep up on the world stage.

Submissions should focus on work currently underway or recently completed. Ideal contributions expose the cultural, organisational, and technical considerations in developing eResearch capabilities and delivering eResearch solutions.

Types of Contributions

There are many ways to contribute to eResearch NZ 2014, with all contributions needing to meet with eResearch NZ Themes and Aims. Further details of each type are outlined below:

Demonstrations

Demonstrations are opportunities to demonstrate recent work completed, services developed, and infrastructure platforms, throughout the event. Demonstration Booths are setup in an open area available to attendees during breaks.

Ignite - Lightning Talks

Ignite - Lightning Talks are a series of short 5 minute talks, where each talk is by a different speaker, and each speaker has 5 minutes to talk to 20 slides, with each slide advancing after 15 seconds. "The presentations are meant to "ignite" the audience on a subject, i.e. to generate awareness and to stimulate thought and action on the subjects presented." See Wikipedia - Ignite.

Presentations

Presentations should aim to engage the audience, to create interest, seek feedback and encourage further enquiry. Presentations are 15 minute long conversation starters, followed by 5 minutes for further discussion, for a total of 20 minutes. Presentations must reference work currently underway or completed within the last year. A full paper is not required for submission.

Posters

Posters encourage direct engagement between those with interesting work to share and a wide audience, in a personal setting. Posters will be mounted in the open space available to attendees during breaks.

Workshops

Workshops are intended to support specific conversations within a narrower focus by communities with common eResearch needs or interests. Workshop proposals should indicate the topic along with the approach taken to engaging attendees in the Workshop discussions rather than be presentation sessions only. Workshops are integrated within eResearch NZ rather than as a series of adjacent satellite meetings. We will work with Workshop proposers to develop a programme that meets the needs of the delegates and complements the presentation programme . Workshops are scheduled in half-day blocks, and can span multiple blocks. Each Workshop block will be scheduled on a different day. Registration for the conference is required for attendance at Workshops, although if you would prefer you are welcome to subsidize your delegates attendance, by arrangement with the conference organisers.

Two workshops have been proposed for the conference so far, both of which are also accepting submissions:

- **New Zealand HPC Applications Workshop** is a national event to bring together everyone with an interest in applying high performance computing to the nation's scientific challenges. The workshop is a forum for celebrating successes and sharing practices on applying HPC to scientific research.

- **New Zealand Research Data Workshop** will host updates from research community relating to research data projects and related initiatives. Contributions are invited across a broad spectrum, including licensing, data management, infrastructure and research practice/lab protocols. The workshop's aim is to enable knowledge sharing between the whole community on this very topical issue.

Submission Details

Each submission requests a Title (up to 10 words) and a Description (up to 300 words). Please compose these carefully as they are used in the conference programme and on the web site directly.

Evaluation of Proposals

All submissions will be reviewed, based each of the following criteria:

- relevance to the themes and aims of eResearch NZ 2014
- originality and degree of engagement to the eResearch community
- relevance and applicability to the audience

All submitters will receive an email confirming the outcome of their proposal. We may discuss your submission with you as part of the process of assembling the programme, and may also accept your proposal under a different category, for example accepting a presentation as a poster.

Important Dates

Monday 5th May	Deadline for submission of proposals.
Monday 12th May	Presenters informed whether or not their proposal has been accepted.
Friday 6th June	All presenters will need to have registered for the conference to guarantee a place in the programme. Note that this is also the early-bird registration deadline.

About eResearch NZ

eResearch encompasses all of the information technology infrastructure and software that supports a research community. This includes the people, computing and software platforms that connect equipment, data, and other computing resources with people, along with collections management, platforms to run experiments, and advanced collaboration tools. eResearch communities thrive on deep engagement with researchers, supporting the formation and operation of effective digitally supported research communities.

New Zealand's eResearch community is growing in confidence and experience across a broad range of research application & service areas, in the humanities and social sciences, physical and biological sciences, mathematics and engineering. The conference aims to bring together practitioners from a range of research communities, including those involved in using, developing, and supporting software applications and services which take advantage of distributed collaboration platforms for team science. It is an opportunity to meet some of the leaders of eResearch initiatives within NZ and internationally, and to hear about practice and to share understanding and experiences.

www.eresearch.org.nz

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