NCI eNews May 2017

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NCI welcomes $14M g/data/1 upgrade

NCI has procured a 10PB NetApp filesystem and a 12PB Lustre filesystem with the help of a $7M boost from the Government's NCRIS Agility Fund, matched dollar-for-dollar by NCI's partners. The new state-of-the-art filesystems replace g/data/1 which was purchased in 2011 and has reached its operational end of life. Read more.

NCI Director retires

Professor Lindsay Botten retires this week after nine years as Director at NCI.

Dr Chris Pigram will become Interim Director of NCI until a permanent successor to Professor Botten takes up their role in early January.

Dr Pigram has served on the NCI Board and retired as Chief Executive Officer of Geoscience Australia last year.

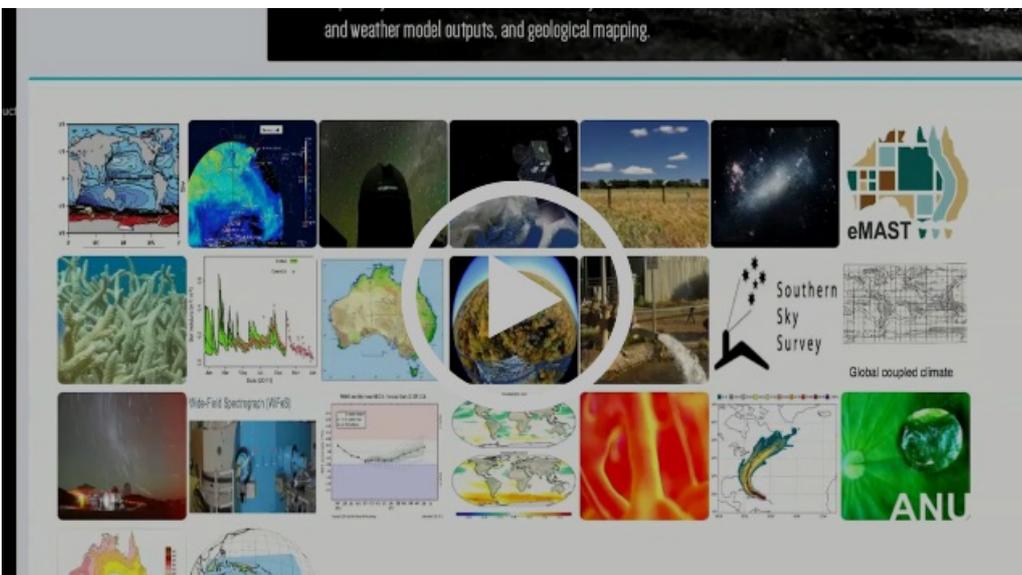**New Academy of Science Fellows at NCI**

NCI extends a huge congratulations to the four past and present NCI users who have been announced Fellows of the Australian Academy of Science this year: Igor Bray, Dietmar Müller, Jennifer Martin and Tim Ralph.
[Read more and watch a video about Igor Bray's research here.](#)

Thanks for your feedback

Thank you to our users who participated in the NCI Data Services survey. It's clear that centralised access to well-managed data collections is highly valued by our community and we are working to continue to improve our available resources, training and user support. [Read more.](#)

Video: How to search NCI's Data Catalogue
NCI has enhanced our Data Catalogue to make it easier to search and access our data collections.

This short video explains how to use the Data Catalogue, which covers more than 10PB of publicly available data stored at NCI.

Frequently Asked Questions:

I'm still under my disk usage quota – why am I unable to submit jobs?
As well as your total disk capacity quota, NCI also imposes a limit (iGrant) on the total *number* of files you can have within your storage allocation (as a large number of small files can significantly degrade the speed of the filesystem). If you exceed your iGrant, the scheduler won't let you submit jobs to Raijin.

To solve this issue, you can compress many files together (eg into a zip file). If you require assistance with this, submit a Help Desk ticket at help.nci.org.au or email help@nci.org.au

Every month, NCI's User Services Team updates Raijin's software. This month, 17 new applications were installed, including:

- abyss/2.0.2
- papi/5.5.1
- gromacs/2016.3-gpupascal

See the full list here.

Upcoming Events:
Molecular Modelling Conference, Sept 27-29, Curtin University Read more

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