

NCI eNews November 2017

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#### **NCI users benefit from latest ARC round**

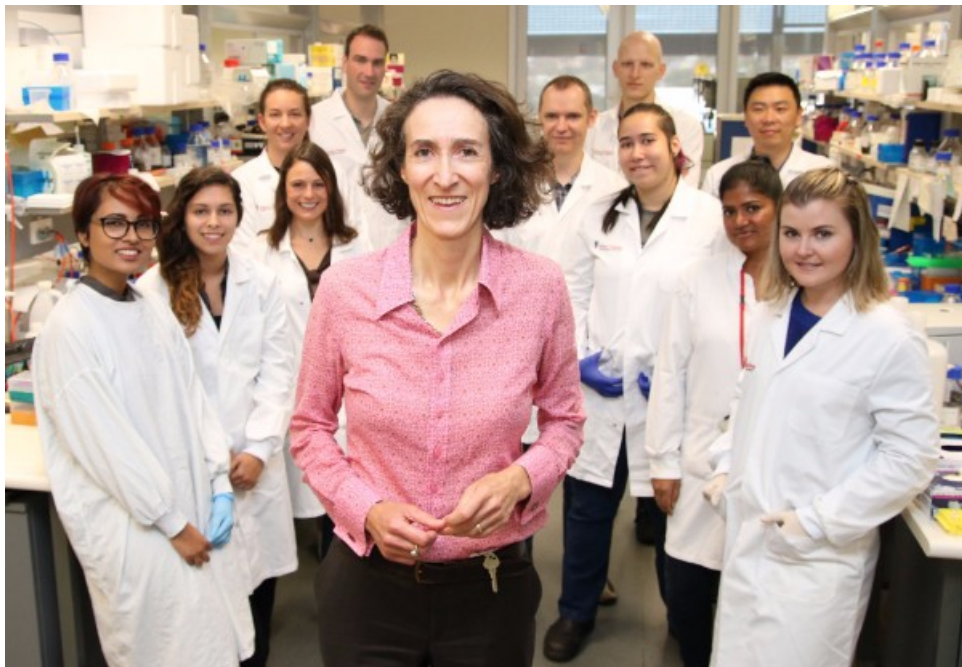
Congratulations to 60 users of NCI, including Professors Kylie Catchpole (pictured) and Maria Forsyth, who have been granted a share of more than \$333 million in funding from the Australian Research Council. [Read more.](#)

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#### **'Missing stardust problem' solved**

Dr Amanda Karakas is moving our understanding of stardust and star formation forward thanks to updated theoretical models run on NCI's supercomputer. [Read more.](#)



### **Untangling the mystery of birth defects**

Advancements in computer-based genomic analysis are leading to the identification of previously unknown causes and potential treatments of congenital defects. [Read more.](#)

## **TIPS FOR DEVELOPING AND OPTIMISING SCIENTIFIC HPC APPLICATIONS**

PRESENTED BY NCI and ALLINEA

11-12 DEC 2017 / CANBERRA



### **Register for code optimisation workshop**

*11&12 December 2017, ANU*

In this Workshop, Allinea experts will provide hands-on advice, customised for NCI users, to help parallelise and develop more robust code. [Read more.](#)



### **January scheduled downtime**

NCI systems will experience a downtime on 2 January between 8am and 6pm for quarterly system maintenance. Please note that the NCI Help Desk will not be manned between 23 December and 1 January inclusive, as this is an ANU staff holiday period.



NCI users Dr Paul Lasky, Dr Rhodri Davies, and Associate Professor Amir Karton were among those honoured in the 2018 Australian Academy of Science Awards. [Read more.](#)

### **Frequently Asked Questions:**

#### **How do I connect to a software group?**

Login to <https://my.nci.org.au>, select Projects and Groups, then search by software name. [Read more.](#)

#### **How can I see what software is available on the module I'm using?**

Use `module avail` to see a list of software for which your environment may be set up. [Read more.](#)



Every month, NCI's User Services Team updates Raijin's software. This month, 11 new applications were installed, including:

- bagel/1.0.0
- lmdb/0.9.70
- payu/0.8



See the full list [here](#).

**Upcoming Training:**

11&12 Dec; Canberra; Workshop: Tips for developing and optimising scientific HPC applications. [Read more.](#)



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