

National e-Infrastructure Workshop

Community input into future eResearch infrastructure

AeRO Workshop - Canberra - 5 September

8:30-9 am *Coffee on arrival*

Welcome - by RDS, Nectar, ANDS and AeRO.

Towards a National Australian Research Data Cloud (Rob Cook)

9:30-10 am *Morning tea*

Discussion Sessions

The general format for each session will be a short series of lightning talks to tackle key themes for the sector, followed by facilitated audience discussion and reflection.

10-11:45am **Session 1 - Infrastructure & Platforms as a Service** – facilitated by Luc Betbeder (University of NSW)

The design, development, delivery and operations of prioritised, scalable and sustainable eResearch infrastructure.

- Paul Coddington (Nectar) *The national research cloud*
- Neil Stringfellow (Pawsey Supercomputing Centre) *The Pawsey Supercomputing Centre*
- Steve Quenette (Monash University) *Using OpenStack for IaaS as Accessible Research Infrastructure*
- Ben Cornwell (University of Wollongong) *Outsourcing eResearch infrastructure*
- Brendan Dalton (or John Zic) (CSIRO) *eResearch infrastructure at CSIRO*

11:45-12:55pm *Lunch*

12:55-2:40pm **Session 2 - Software as a Service** – facilitated by Peter Elford (AARNet)

Supporting research communities with appropriate tools and resources.

- Glenn Maloney (Nectar) *Integration: Data-enhanced VLS and Research Data Clouds*
- Win Woo (Google) *Google Genomics: the power behind Google Search to securely store, process, explore genomic datasets*
- Helen Morgan (The University of Queensland) *UQ's Research Data Manager Service: Bringing research data management to life*
- Adrian Burton (ANDS) *Foundation technologies: ANDS discovery & DOI services*
- Wojtek Goscinski (Monash University) *Building capability through binding the Characterisation Virtual Lab to Monash's MASSIVE HPC infrastructure*
- Brendan Davey (TPAC) *R-studio as a virtualised app across multiple Science Clouds*

2:40-3pm *Afternoon tea*

3-4:45pm **Session 3 - Professional Services** – facilitated by Brendan Dalton (CSIRO)

Providing researchers with appropriate services throughout the research lifecycle (inc. development, support, training, skills, consultancy).

- Malcolm Wolski (Griffith University) *Institutional e-research services (analysts, support and training)*
- Frankie Stevens (Intersect) *State-based e-research services (analysts, support and training)*
- Karen Visser (ANDS) *National e-research capability building program*
- Steve Manos (University of Melbourne) *Skills development and career path of software developers*
- Jo Morris Griffith (QCIF) *National user support helpdesk*

4:45-5pm **Summary, Next Steps, Close** - summary of discussions, identification of future activities, etc.