

Seminar Outline: e-Research Australia

As research is redefined by ICT, it is vital that Australian researchers and research institutions develop infrastructure and support systems that allow them to participate in this transformation. The NCRIS Platforms for Collaboration (PfC) capability created a basis for this support by focussing on collaboration tools; a national approach to data services; high performance computing; high performance networks; and access and authentication frameworks.

However, more needs to be done. This presentation will review some of the trends driving this transformation in research and research techniques, provide an update on progress with developing Platforms for Collaboration, introduce the new directions that are planned, and illustrate the issues through some Australian research examples.

Biography: Dr Rhys Francis

Rhys completed a degree in applied mathematics at Monash University and a Ph.D in computer science at La Trobe University.

He has worked as a software engineer, a software systems consultant, an academic and researcher in parallel and distributed systems, a science leader and manager at CSIRO, and held a number of executive roles including CSIRO ICT Sector Leader and Director for CSIRO's HPC.

More recently, Rhys has worked in sector wide roles including Program Manager for the Australian National Grid, NCRIS Facilitator for the Platforms for Collaboration Capability and now as the Executive Director of the Australian eResearch Infrastructure Council, leading the establishment of eResearch services that can assist Australian research adopt advanced modeling, analysis and collaboration techniques (see www.pfc.org.au for details).