

## GPU Systems Analyst Wanted

The Victorian Partnership for Advanced Computing (VPAC) is a leading Advanced Computing R&D service provider, a not for profit registered research agency established in 2000 by a consortium of Victorian Universities.

We operate a supercomputer centre and provide Australian Universities, Research Organisations, and Industry with services, training and support in Advanced Computing, as well as professional R&D services in the fields of Engineering, Geophysics, Health, Life Sciences, Spatial Information and Grid Computing.

The VPAC Supercomputing Centre in Carlton South represents one of the most versatile high performance installations in Australia, with a range of applications software for Computational Chemistry, Geophysics, CFD & Engineering, Climate Modelling & Earth Systems, Bioinformatics, Maths Libraries, and Statistics and Mathematics Environments. Our user community is representative of Academia, Research, and Industry.

VPAC have an increasing commitment to provide systems services for projects as diverse as the real time and post-experimental graphical processing system at the Australian Synchrotron, and large scale cluster management at multiple Victorian universities.

The Systems Department has a new opening for a talented GPU Systems Analyst who has applied skills in GPU programming and analysing applications behaviour. The duties will primarily include supporting users and applications that take advantage of GPU technology, and the successful applicant will also be expected to be able to lead or assist with linux and Windows HPC Cluster installation, configuration, and maintenance; managing MOAB, Maui, and torque queuing systems; monitoring cluster system operation; developing system reports; general systems management; and direct user support for cluster systems and especially GPU utilisation.

The successful applicant will have applied experience programming GPUs for scientific applications or similar visualisation applications, and is likely to have relevant advanced qualifications and 1 to 5 years applicable experience with high performance cluster technologies or specialist GPU enabled systems.

Only applicants with the right to work in Australia will be considered.

Applications should be lodged through [seek.com.au](http://seek.com.au). Applications close on Friday 19 March 2010.

Contact Phil Tannenbaum on 03 9925 4733 for further information on this opportunity.