


PDCAT'08

3rd (2008) New Zealand Workshop in High Performance and Grid Computing

http://www.cs.otago.ac.nz/pdcat08/nzhpc08/index.html

December 4, 2008, Dunedin

Registration

There are two options available for registration:

1) Attending the workshop only. It is fee free option, thanks to our sponsors. Please register via email iparalle@aut.ac.nz. Registration deadline is November 27, 2008.
2) To attend the Workshop and PDCAT'08 register through PDCAT 2008 main website (conference fee is payable).

Where: Castle D(40), University of Otago

Program

Registration	8:00-9:00
Morning tea	10:00-10:30
Session 1 (Session 6 of PDCAT)	10:30 -12:00

Grid tools that scientists can use (and want to) (30 min)
Mark Gahegan (University of Auckland, NZ)

View-Oriented Parallel Programming (30 min)
Zhiyi Huang (University of Otago, NZ)

State of BeSTGRID: Evolving a New Zealand Research Grid infrastructure (30 min)
Nick Jones (University of Auckland, NZ)

Lunch	12:00-1:30

Session 2 (Session 7 of PDCAT) 1:30-3:00

XtreemOS: Beyond Grid Middleware (30 min)
*John Mehnert-Spahn (*Heinrich Heine Universität, *Germany)*

The GreIC Portal: A Ubiquitous and Seamless Way to Manage Grid Databases (20 min)
Sandro Fiore, Alessandro Negro, Salvatore Vadacca, Emanuele Verdesca, Alessio Leone, and Giovanni Aloisio (University of Salento, Euro Mediterranean Centre for Climate Change, Italy)

Application-Specific Disk I/O Optimisation for a Search Engine (20 min)
Xiangfei Jia, Andrew Trotman, Richard O'Keefe, and Zhiyi Huang (University of Otago, NZ)

Stream Processing of Integral Images for Real-Time Object Detection (20 min)
Chris Messom and Andre Barczak (Massey University, NZ)

Afternoon tea 3:00-3:30

Session 3 (Session 8 of PDCAT) 3:30-5:00

How to Compute Faster and Cheaper: Reconfigurable HPC (30 min)
Slava Kitaev (Auckland University of Technology) and Tim Molteno (University of Otago)

BlueFern and HPC at the University of Canterbury (20 min)
Tony Dale (University of Canterbury, NZ)

Introduction to High Performance Computing with BlueFern (40 min)
Tony Dale (University of Canterbury, NZ)