

APAC'05 PROGRAM

Monday, 26 September

		Norfolk Room	Karrie Webb Room	Jacaranda Room	Prince Room
8:30am	APAC'05 Registration		<p>Grid Portal Workshop <i>Coordinator: Raj Chhabra</i></p> <p><i>Presenters:</i> <i>Jason Novotny,</i> <i>Michael Russell</i> <i>and</i> <i>Oliver Wehrens</i> <i>GridSphere Project</i></p>		<p>APAC Student Forum <i>Coordinators: Ian Turner and Joe Young</i></p> <p><i>Keynotes:</i> <i>Professor David Keys</i> <i>Columbia University</i> <i>(via the access grid)</i> <i>and</i> <i>Peter Kerney</i> <i>Intel Australia</i></p>
9:00am - 10:00am		Morning Tea			
10:00am - 10:30am	APAC'05 Registration		Grid Portal Workshop (continued)		APAC Student Forum (continued)
10:30am - 12:30pm		Lunch			
12:30pm - 1:30pm	APAC'05 Registration	<p>Nimrod Tutorial <i>Coordinator: David Abramson</i></p>	Grid Portal Workshop (continued)	<p>APAC Education Forum <i>Coordinator: Stephen Roberts</i></p>	APAC Student Forum (continued)
1:30pm - 2:30pm		Afternoon Tea			
2:30pm - 3:00pm	APAC'05 Exhibition	Nimrod Tutorial (continued)	Grid Portal Workshop (continued)	APAC Education Forum (continued)	APAC Student Forum (continued)
3:00pm - 5:00pm		Royal Benowa Foyer			
6:00pm - 8:00pm	<p><i>Co-Hosts: Professor John O'Callaghan and Professor Bernard Pailthorpe</i></p> <p>Welcome Reception and Exhibition Opening</p> <p>The Honourable Chris Cummins MP <i>Minister for Small Business, Information Technology Policy and Multicultural Affairs</i> <i>Acting Minister for Primary Industries and Fisheries</i> <i>Queensland Government</i></p>				

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8.00am		Prince Room		
8.45am - 9.00am		<p><i>Chair: Professor John O'Callaghan</i></p> <h2>APAC'05 Opening Ceremony</h2> <p>The Honourable Helen Coonan, MP <i>Minister for Communications, Information Technology and the Arts Australian Government</i></p>		
9.00am - 9.30am		<p>Keynote Address - Professor Fabrizio Gagliardi CERN & EGEE</p> <h3>"e-Infrastructure in Europe"</h3> <p><i>Presentation Sponsored by Microsoft</i></p>		
9.30am - 10.00am		<p>Keynote Address - Professor Peter Hunter University of Auckland</p> <h3>"Computational Physiology and the Physiome Project"</h3> <p><i>Presentation Sponsored by IBM</i></p>		
10.00am - 10.30am		Morning Tea		
10.30am-12.00pm		Jacaranda Room	Prince Room	Marquis Room
	Papers: 4 x 20 min plus 10 min for changeover	Sponsor Presentations	<p>Theme: Grid Applications and Experiences</p> <p><i>Chair: Paul Coddington</i></p>	<p>Theme: Geophysics</p> <p><i>Chair: Lindsay Botten</i></p>
		Microsoft Presentation	<p>The Cactus Portal</p> <p><u>Michael Russell</u> <i>Albert Einstein Institute</i></p>	<p>Modelling Subduction of Tectonic Plates in Three Dimensions Using a High-Performance Computational Geodynamics Framework</p> <p><u>Steve Quenette</u> <i>Victorian Partnership for Advanced Computing</i></p>
			<p>The Australian BioGrid Portal: Empowering the Molecular Docking Research Community</p> <p><u>Hussein Gibbins</u> <i>The University of Melbourne</i></p>	<p>Interoperability of Geoscience Data on the Solid Earth and Environment Grid</p> <p><u>Robert Woodcock</u> <i>CSIRO Exploration and Mining</i></p>
			<p>Towards Belle Monte Carlo Production on the APAC National Grid Infrastructure</p> <p><u>Lyle Winton & Marco La Rosa</u> <i>The University of Melbourne</i></p>	<p>Geodynamic Benchmarking Tests in HPC</p> <p><u>Louis Moresi</u> <i>Monash University</i></p>
			<p>Designing and Implementing a Grid Applications for Cumulative Agrichemical Residue Tracking Using Third-Party Data Sources and Software Components</p> <p><u>Elizabeth Post</u> <i>Lincoln Ventures Ltd</i></p>	<p>gLucifer: Next Generation Visualization Framework</p> <p><u>Cecile Duboz</u> <i>Monash University</i></p>
12.00am - 12.30pm		Prince Room		
		<p><i>Chair: Raj Chhabra</i></p> <p>Keynote Address - Jason Novotny GridSphere Project</p> <h2>"Grid Portals: Bridging the Gap between Users and Grid Services"</h2>		
12.30pm - 1.30pm		Lunch		

APAC'05 Registration

APAC'05 Exhibition

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12.30pm - 1.30pm	APAC'05 Registration	APAC'05 Exhibition	Lunch		
1.30pm - 3.00pm			Prince Room		
			Sponsor Presentations <i>Chair: Andrew Rohl</i>		
			Dr David Scott Intel "Intel In High Performance and Grid Computing"		
			Dr Ilene Carpenter SGI "SGI High Performance Computing for Weather Forecasting and Climate Modeling"		
			Ruud van der Pas SUN "The Future of Floating-Point Computing is in Reliable Computing"		
3.00pm - 3.30pm			Afternoon Tea		
3.30pm - 4.00pm			Prince Room		
			<i>Chair: Chris Willing</i> Keynote Address - Tom Uram Argonne National Laboratory "The Access Grid: Software and Toolkit for Internet Collaboration"		
4.00pm-6.00pm			APAC'05 Registration	APAC'05 Exhibition	Prince Room
	Theme: Grid Middleware and Tools <i>Chair: Tony Williams</i>	Theme: Computational Tools and HPC <i>Chair: Ben Evans</i>			
	Towards a Standards-based, Message-Oriented Access Grid <i>Steve Smith</i> <i>The University of Sydney</i>	ESCRIPT: Numerical Modelling With Python <i>Lutz Gross</i> <i>The University of Queensland</i>			
	Towards a World-Wide Grid Measurement Infrastructure <i>Tony McGregor</i> <i>University of Waikato and NLANR AMP</i>	Performance Analysis of MPI Communications on the SGI Altix 3700 <i>Nor Asilah Wati Abdul Hamid</i> <i>University of Adelaide</i>			
	Integrating Instruments and Sensors into the Grid with CIMA Web Services <i>Donald (Rick) McMullen</i> <i>Indiana University</i>	Supporting Community Based Computational Code <i>Steve Quenette</i> <i>Victorian Partnership for Advanced Computing</i>			
	Secure Federated Access to Grid Applications using SAML/XACML <i>Erik Vullings</i> <i>Macquarie University</i>	Managing the APAC NF Altix Cluster <i>Kevin Pulo</i> <i>The Australian National University</i>			
	Generating eScience Workflows from Statistical Analysis of Prior Data <i>Kwok Cheung</i> <i>The University of Queensland</i>	Scheduling BLAST Queries on an Overlay Network <i>Chen Wang</i> <i>The University of Sydney</i>			
7.00pm til late			Monarch Room		
APAC'05 Dinner					

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Wednesday, 28 September

8.00am	APAC'05 Registration	APAC'05 Exhibition	Prince Room		
			Chair: Professor Bernard Pailthorpe		
8.45am - 9.00am	APAC'05 Registration	APAC'05 Exhibition	Address from iGrid2005 in San Diego via HDTV Link		
			Professor Larry Smarr Director, California Institute for Telecommunications and Information Technology, (CAL-IT) ² Professor, Computer Science and Engineering, Jacobs School of Engineering, UCSD		
9.00am - 9.30am	APAC'05 Registration	APAC'05 Exhibition	Keynote Address - Professor Ian Foster Argonne National Laboratory Professor of Computer Science, The University of Chicago "Service-Oriented Science"		
			Keynote Address - Professor Reagan Moore San Diego Supercomputer Center "Data Grids and Data Virtualization"		
9.30am - 10.00am	APAC'05 Registration	APAC'05 Exhibition	Morning Tea		
10.00am - 10.30am	APAC'05 Registration	APAC'05 Exhibition	Prince Room	Marquis Room	
				Theme: Visualization Chair: <u>Karen Haines</u>	Theme: Climate Modelling Chair: <u>Nathan Bindoff</u>
				Driшти - A Volume Data Explorer <u>Ajay Limaye</u> The Australian National University	AusCOM: The Australian Climate Ocean Model <u>Jason Roberts</u> TPAC, University of Tasmania
				An On-Demand Streaming Protocol for 3D Graphics on the Grid <u>Nick Lowe</u> VISLAB, The University of Sydney	Oceans and Climate Digital Library Portal <u>Ian Cumming</u> Insight4 Pty Ltd
				A Software Architecture for Real-time Volume Data Exploration on PC Based Platforms <u>Michael Jones</u> Griffith University	BLUElink: Development of Operational Oceanography and Servicing in Australia <u>Tim Puah</u> Bureau of Meteorology Research Centre
				A Parallel Implementation of an Image Processing Algorithm <u>Jared O'Connell</u> CSIRO	Steps Towards a Common Data Exchange Infrastructure in the Bluelink Project <u>Tennessee Leeuwenburg</u> Bureau of Meteorology
10.30am - 12.00pm	APAC'05 Registration	APAC'05 Exhibition	Prince Room		
			Chair: Professor John O'Callaghan Keynote Address - Professor Sir John Taylor "e-Research: Col-laboratories and Data Curation"		
12.00am - 12.30pm	APAC'05 Registration	APAC'05 Exhibition	Lunch		
12.30pm - 1.30pm	APAC'05 Registration	APAC'05 Exhibition	Lunch		

Papers:
4 x 20 min
plus 10 min for
changeover

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Wednesday, 28 September

<p>12.30pm - 1.30pm</p> <p>1.30pm - 2.00pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Exhibition</p>	<p>Prince Room</p>		
			<p>Lunch</p>		
			<p><i>Chair: Dr Rhys Francis</i></p> <p>Keynote Address - Mark Linesch Chair, Global Grid Forum (GGF) "Grid Computing - The Path to Pervasive Adoption"</p>		
<p>2.00pm - 3.30pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>		<p><i>Chair: Professor Anne Trefethen, UK e-Science and Oxford University</i></p> <p>Roundtable Panel: Grids in the Asia-Pacific</p> <p>Dr Kum Won Cho - Korea Dr Simon Lin - Taiwan Professor Lawrence Wong - Singapore</p> <p>Dr Rhys Francis - Australia Dr Yoshio Tanaka - Japan Dr Zhiwei Xu - China</p>		
<p>3.30pm - 4.00pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>		<p><i>Chair: Dr Rhys Francis</i></p> <p>Keynote Address - Professor Anne Trefethen UK e-Science and Oxford University</p>		
<p>4.00pm - 4.30pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>		<p>Afternoon Tea</p>		
<p>4.30pm - 6.00pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>		<p>Norfolk Room</p>	<p>Karrie Webb Room</p>	<p>Jacaranda Room</p>
			<p>Birds-of-a-Feather Session</p> <p>Grid Computing Infrastructure</p> <p><i>Coordinator: David Bannon</i></p>	<p>Birds-of-a-Feather Session</p> <p>Grid Information Infrastructure</p> <p><i>Coordinator: Markus Buchhorn</i></p>	<p>Birds-of-a-Feather Session</p> <p>Grid User Interfaces</p> <p><i>Coordinator: Raj Chhabra</i></p>
<p>6.00pm</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">APAC'05 Registration</p>		<p>Close</p>		

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Thursday, 29 September

8:00am 9:00am - 10:00am 10:00am - 10:30am 10:30am - 12:30pm 12:30pm - 1:30pm 1:30pm - 2:30pm 2:30pm - 3:00pm 3:00pm - 5:00pm		Tutorial Registration	
		Karrie Webb Room	Jacaranda Room
		Programming Tutorial with the Globus Toolkit Version 4 Presenters: <i>Ian Foster,</i> <i>Lisa Childers,</i> <i>Charles Bacon</i> and <i>Olle Mulmo</i>	Access Grid Workshop Presenters: <i>Tom Uram</i> and <i>Susanne Lefvert</i>
		Morning Tea	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
		Lunch	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
		Afternoon Tea	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)

APAC'05 PROGRAM

Friday, 30 September

9:00am - 10:00am 10:00am - 10:30am 10:30am - 12:30pm 12:30pm - 1:30pm 1:30pm - 2:30pm 2:30pm - 3:00pm 3:00pm - 4:00pm		Karrie Webb Room	Jacaranda Room
		Programming Tutorial with the Globus Toolkit Version 4 Presenters: <i>Ian Foster,</i> <i>Lisa Childers,</i> <i>Charles Bacon</i> and <i>Olle Mulmo</i>	Access Grid Workshop Presenters: <i>Tom Uram</i> and <i>Susanne Lefvert</i>
		Morning Tea	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
		Lunch	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
		Afternoon Tea	
		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)