

# APAC'05 PROGRAM

Monday, 26 September

8:30am	APAC'05 Registration	<b>CONFERENCE REGISTRATION</b>			
9:00am - 10:00am		Norfolk Room	Karrie Webb Room	Jacaranda Room	Prince Room
			Grid Portal Workshop <i>Coordinator: Raj Chhabra</i>		APAC Student Forum <i>Coordinators: Ian Turner and Joe Young</i>
10:00am - 10:30am		Morning Tea			
10:30am - 12:30pm			Grid Portal Workshop (continued)		APAC Student Forum (continued)
12:30pm - 1:30pm		Lunch			
1:30pm - 2:30pm		Nimrod Tutorial <i>Coordinator: David Abramson</i>	Grid Portal Workshop (continued)	APAC Education Forum <i>Coordinator: Stephen Roberts</i>	APAC Student Forum (continued)
2:30pm - 3:00pm		Afternoon Tea			
3:00pm - 5:00pm		Nimrod Tutorial (continued)	Grid Portal Workshop (continued)	APAC Education Forum (continued)	APAC Student Forum (continued)
4:00pm		APAC'05 Exhibition	Royal Benowa Foyer		
6:00pm - 8:00pm	<p><b>Co-Hosts:</b> <i>Professor John O'Callaghan and Professor Bernard Pailthorpe</i></p> <p><b>Welcome Reception and Exhibition Opening</b></p> <p><b>The Honourable Tony McGrady, MP</b> <i>Queensland Minister for State Development and Innovation</i></p>				

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Tuesday, 27 September

8.00am	APAC'05 Registration	APAC'05 Exhibition	CONFERENCE REGISTRATION		
8.45am - 9.00am			Prince Room Chair: Professor John O'Callaghan <b>APAC'05 Opening Ceremony</b> The Honourable Helen Coonan, MP Minister for Communications, Information Technology and the Arts		
9.00am - 9.30am			Keynote Address - <b>Professor Fabrizio Gagliardi</b> CERN & EGEE "e-Infrastructure in Europe" Presentation Sponsored by Microsoft		
9.30am - 10.00am			Keynote Address - <b>Professor Peter Hunter</b> University of Auckland "Computational Physiology and the Physiome Project" Presentation Sponsored by IBM		
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 changeovers			<b>Sponsor Presentations</b> Chair:	<b>Theme: Grid Applications and Experiences</b> Chair:	<b>Theme: Computational Tools and HPC</b> Chair:
			Alexander Technology Presenter: Richard Alexander	The Cactus Portal Ian Kelley Centre for Computation and Technology	ESCRIPT: Numerical Modelling With Python Lutz Gross University of Queensland
				The Australian BioGrid Portal: Empowering the Molecular Docking Research Community Hussein Gibbins The University of Melbourne	Performance Analysis of MPI Communications on the SGI Altix 3700 Asilah Hamid University of Adelaide
			Uecomm Presenter: Katrina Walker	Towards Belle Monte Carlo Production on the APAC National Grid Infrastructure Lyle Winton University of Melbourne	Supporting community Based Computational Code Steve Quenette Victorian Partnership for Advanced Computing
				Designing and Implementing a Scientific Application for Grid Operability Elizabeth Post Lincoln Ventures Ltd	Managing the APAC NF Altix Cluster Kevin Pulo Australian National University
12.00am - 12.30pm			Prince Room Chair: Keynote Address - <b>Jason Novotny</b> GridSphere Project "Grid Portals: Bridging the Gap between Users and Grid Services"		
12.30pm - 1.30pm			Lunch		

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12.30pm - 1.30pm	APAC'05 Registration	APAC'05 Exhibition	Lunch	
1.30pm - 3.00pm			Prince Room	
GOLD Sponsor Presentations: 30 min each			<b>Sponsor Presentations</b> <i>Chair:</i> Intel <i>Presenter: Dr David Scott</i> SGI SGI High Performance Computing for Weather Forecasting and Climate Modeling <i>Presenter: Dr Ilene Carpenter</i> SUN The Future of Floating-Point Computing is in Reliable Computing <i>Presenter: Ruud van der Pas</i>	
3.00pm - 3.30pm			Afternoon Tea	
3.30pm - 4.00pm			Prince Room	
			<i>Chair:</i> <b>Keynote Address - Tom Uram</b> Argonne National Laboratory "The Access Grid: Software and Toolkit for Internet Collaboration"	
4.00pm-5.30pm	APAC'05 Registration	APAC'05 Exhibition	Prince Room	Marquis Room
			<b>Theme: Grid Middleware and Tools</b> <i>Chair:</i> Towards a Standards-based, Message-Oriented Access Grid <u>Steve Smith</u> University of Sydney	<b>Theme: Geophysics</b> <i>Chair:</i> Modelling Subduction of Tectonic Plates in Three Dimensions Using a High-Performance Computational Geodynamics Framework <u>Dave Stegman</u> Monash University
			Towards a World-Wide Grid Measurement Infrastructure <u>Tony McGregor</u> University of Waikato and NLANR AMP	Interoperability of Geoscience Data on the Solid Earth and Environment Grid <u>Robert Woodcock</u> CSIRO Exploration and Mining
			Integrating Instruments and Sensors into the Grid with CIMA Web Services <u>Donald McMullen</u> Indiana University	Geodynamic Benchmarking Tests in HPC <u>Rebecca Farrington</u> Monash University
			Secure Federated Access to GRID Applications using SAML/XACML <u>Erik Vullings</u> Macquarie University	Macroscopic Friction Responses of Aggregate Gouge in Parellel Lattice Solid Model Simulations <u>Shane Latham</u> University of Queensland
7.00pm til late			Monarch Room	
			<b>APAC'05 Conference Dinner</b>	

# APAC'05 PROGRAM

Wednesday, 28 September

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

12.30pm - 1.30pm	APAC'05 Registration	APAC'05 Exhibition	Lunch		
1.30pm - 2.00pm			<p>Chair: <i>Dr Rhys Francis</i></p> <p>Keynote Address - <b>Mark Linesch</b>                  Chair, Global Grid Forum (GGF)  <i>"Grid Computing - The Path to Pervasive Adoption"</i></p>		
2.00pm - 3.30pm	APAC'05 Registration		Prince Room		
3.30pm - 4.00pm			<p>Chair: <i>Professor Anne Trefethen, UK e-Science and Oxford University</i></p> <p><b>Roundtable Panel: Grids in the Asia-Pacific</b></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>		
4.00pm - 4.30pm			<p>Chair: <i>Dr Rhys Francis</i></p> <p>Keynote Address - <b>Professor Anne Trefethen</b>                  UK e-Science and Oxford University</p>		
4.30pm - 6.00pm			Afternoon tea		
			Norfolk Room	Karrie Webb Room	Jacaranda Room
			<p>Birds of a Feather Session</p> <p><b>Grid Computing Infrastructure</b></p> <p><i>Coordinator: David Bannon</i></p>	<p>Birds of a Feather Session</p> <p><b>Grid Information Infrastructure</b></p> <p><i>Coordinator: Markus Buchhorn</i></p>	<p>Birds of a Feather Session</p> <p><b>Grid User Interfaces</b></p> <p><i>Coordinator: Raj Chhabra</i></p>
6.00pm			Close		

## APAC'05 PROGRAM

Thursday, 29 September

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

## APAC'05 PROGRAM

Friday, 30 September

		Karrie Webb Room	Jacaranda Room
9:00am - 10:00am		Programming Tutorial with the Globus Toolkit Version 4  <i>Ian Foster</i>	Access Grid Workshop  <i>Tom Uram</i>
10:00am - 10:30am		<i>Morning Tea</i>	
10:30am - 12:30pm		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
12:30pm - 1:30pm		<i>Lunch</i>	
1:30pm - 2:30pm		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)
2:30pm - 3:00pm		<i>Afternoon Tea</i>	
3:00pm - 5:00pm		Globus Toolkit Tutorial (continued)	Access Grid Workshop (continued)