

Program Overview

DAY 1 : Tuesday, 3 May

	Research Track	Technical Track	Industry Track
0900	<ul style="list-style-type: none"> Welcome Opening Address Rear-Admiral (Ret.) Richard Lim, Chairman National Grid Steering Committee Speech by Guest-of-Honour Mr. Lim Hng Kiang, Minister for Trade & Industry Presentation of Tokens of Appreciation Keynote Address on "Grid: From Lab to Practice" Dr. Ian Foster (via Access Grid) VIP to tour exhibits 		
1000	Morning Coffee/Tea		
1030	Morning Coffee/Tea		
1030	PRAGMA	Grid Computing 101	Grids in Action (1)
1230	PRAGMA Lunch	Lunch	
1330	PRAGMA	Manufacturing VGC Symposium (1)	Grids in Action (2)
1530	Afternoon Coffee/Tea		
1600	PRAGMA	Manufacturing VGC Symposium (2)	Panel Discussion: Debunking the Hype & Myths
1700		National Grid in Singapore	Panel Discussion: Enterprise Grids Ready for Prime Time?
1800	Break		
1815	PRAGMA Banquet		
1900	GridAsia Welcome Reception		

DAY 2 : Wednesday, 4 May

	Research Track	Technical Track	Industry Track
	PRAGMA	Project Mega Grid Workshop (1)	AE@SG Workshop (1)
	Morning Coffee/Tea		
	PRAGMA	Project Mega Grid Workshop (2)	AE@SG Workshop (2)
	PRAGMA Lunch	Lunch	
	PRAGMA	Gelato Grid Focus Group BoF (1)	Collaborative Engineering Program (1)
	Afternoon Coffee/Tea		
	PRAGMA	Gelato Grid Focus Group BoF (2)	Collaborative Engineering Program (2)
	Break		
	GridAsia Welcome Reception		

DAY 3 : Thursday, 5 May

	Research Track	Technical Track	Industry Track
0900	LS Grid (1)	Workshop on "Grid Computing & Applications" (1)	Panel Discussion: What Every CIO Should Know about Grid Computing
1030	Morning Coffee/Tea		
1030	LS Grid (2)	Workshop on "Grid Computing & Applications" (2)	Types of Grid Applications
1230	Lunch		
1330	Joint Invited Talk (LSGRID 2005 & GCA 2005)		PC Grid Computing
1430	LS Grid (3)	Workshop on "Grid Computing & Applications" (3)	
1530	Afternoon Coffee/Tea		
1600	LS Grid (4)	Workshop on "Grid Computing & Applications" (4)	Panel Discussion: Grid Business Models
1700			Panel Discussion: Web Services Grid for Interoperability
1800	Break		
1900	GridAsia 'Makan'		

DAY 4 : Friday, 6 May

	Research Track	Technical Track	Industry Track
	LS Grid (5)	Digital Media VGC (1)	Grid Schedulers
	Morning Coffee/Tea		
	LS Grid (6)	Digital Media VGC (2)	Panel Discussion: Schedulers Shootout
	Lunch		
	LS Grid (7)	Physical Sciences VGC (1)	Collaboration
	Afternoon Coffee/Tea		
	LS Grid (8)	Physical Sciences VGC (2)	
	End of GridAsia2005		

Day 1

DAY 1 : Tuesday, 3 May

0900	<p>Welcome</p> <p>Opening Address by Rear-Admiral (Ret.) Richard Lim (Chairman, National Grid Steering Committee & Chief Executive, Defense Science & Technology Agency)</p> <p>Speech by Guest-of-Honour by Mr. Lim Hng Kiang (Minister for Trade & Industry)</p> <p>Presentation of Tokens of Appreciation</p> <p>Keynote Address on "Grid: From Lab to Practice" via Access Grid by Dr. Ian Foster (Associate Division Director, Argonne National Lab & University of Chicago)</p> <p>VIP to tour exhibits</p>		
1000	Morning Coffee/Tea		
	<i>Research Track @ Exploration Theatre</i>	<i>Technical Track @ Breakthrough Theatre</i>	<i>Industry Track @ Creation Theatre</i>
1030	PRAGMA (Day 1)	Grid Computing 101	Grids in Action (1)
	<p>1030 – 1035 Welcome by Dr. Arun Krishnan (Research Scientist, BII)</p> <p>1035 – 1050 Update by Dr. Peter Arzberger (Chair, PRAGMA & Director, National Biomedical Computation Resource, USA)</p> <p>1050 – 1100 TeleScience WG Update by Dr. Shinji Shimojo</p> <p>1100 – 1110 BioScience WG Update by Dr. Karpjoo Jeong</p> <p>1110 – 1120 Resources WG Update by Mason Katz</p> <p>1120 – 1130 DataGrid WG Update by Dr. Osamu Tatebe</p> <p>Singapore Grid Activities Update 1130 – 1215 by Dr. Lee Hing Yan (National Grid Office) 1215 – 1230 by Dr. Arun Krishnan (BII)</p>	<p>Session Chair: Daniel Teh (Deputy Director, School of ICT, Ngee Ann Polytechnic)</p> <p>1030 – 1100 A Dummy's Guide to Grid Computing by Choo Thong Tiong (Head, Promotions, National Grid Office)</p> <p>1100 – 1130 Access Grid – Video Conferencing on Steroids by Jon Lau (Assistant Head, Technical, National Grid Office)</p> <p>1130 – 1230 Workshop: "How to Get Started with Grid Computing" by Veronica Ong (Manager, Technology Solutions, Grid Computing & Linux, IBM ASEAN/South Asia)</p>	<p>Session Chair: Ng Wan Sin (Consultant, Technology Group, IDA)</p> <p>1030 – 1100 Operational Experience with Global Grids by Dr. Liu Wei (University Program Director, HP China)</p> <p>1100 - 1130 Grid Computing for Industry Applications by Mohan Doss (Director, Volume Business, Sun Microsystems, Asia South)</p> <p>1130 – 1200 Grid Implementations by Dr. David S. Scott (APAC Technical Director, HPC Intel, Singapore)</p> <p>1200 – 1230 Where Businesses find Value in Grid by Michael Monty (Business Development Executive, Grid Computing & Virtualization Solutions, IBM ASEAN South Asia)</p>
1230	PRAGMA Lunch	Lunch	

1330	PRAGMA (Day 1)	Manufacturing VGC Symposium (1)	Grids in Action (2)
	<p>Demos by PRAGMA Members</p> <p>1400 - 1430 Demo: Grid Accounting System by Francis Lee (NTU) & Lee Hing Yan (National Grid Office)</p> <p>1430 - 1500 Demo: Wildfire: Distributed, Grid-Enabled Workflow Construction & Execution by Francis Tang (BII) & Arun Krishnan (BII)</p> <p>1500 - 1530 Demo: Running Flexible & Robust Grid Application: Hybrid QM/MD Simulation by Hiroshi Takemiya (AIST)</p>	<p>Session Chair: Prof. Robert Gay (Director, IT Research Infrastructure, NTU)</p> <p>1330 - 1340 Welcome & Introduction</p> <p>1340 - 1420 A Support System for a VGC on Manufacturing by Randy Sng (Director, Manufacturing Industry, Asia Pacific, Sun Microsystems)</p> <p>1420 - 1500 Integrated Bio Laboratory Manufacturing & Service System by A/Prof. Tan Tin Wee (NUS)</p> <p>1500 - 1530 Integrated Simulation & Analysis Services in a Manufacturing Grid by Dr. Peter Lendermann (Senior Scientist, SIMTech)</p>	<p>Session Chair: Dr. Lee Hing Yan (Deputy Director, National Grid Office)</p> <p>1330 - 1400 First Proof-of-Concept Project under Enterprise-g @ Singapore by Rishi Nayar (Advanced Technology & Solutions Centre Manager, Oracle Asia Pacific)</p> <p>1400 - 1430 TCG@NUS: A Tera-Scale Campus Grid Implementation in a Decentralized Setup by Ong Guan Sin (Grid Manager, Singapore Computer Systems)</p> <p>1430 - 1500 GECEM - Grid-enabled Computational Electromagnetics by Dr. Terence Hung (Manager, Software & Computing Program, IHPC)</p> <p>1500 - 1530 Innovation in Science Within a Grid Environment using the ALTIX Architecture by Andrew Wyatt (Director, Strategic HPC Relationships, Asia Pacific & Latin America, SGI)</p>
1530	Afternoon Coffee/Tea		
1545 / 1600	PRAGMA (Day 1)	Manufacturing VGC Symposium (2)	Panel Discussion
	<p>1545 - 1615 Demo: Gfarm by Osamu Tatebe (AIST) & Wilfred Li (SDSC)</p> <p>1615 - 1645 Demo: A Functionally-distributed Hybrid-QM/MM Calculation System on the Grid by Kohei Ichikawa (Osaka University)</p> <p>1645 - 1715 Demo: Nimrod by David Abrahamson (Monash University)</p> <p>1715 - 1800 BoF Sessions Arising from Demos</p>	<p>Session Chair: Prof. Robert Gay (Director, IT Research Infrastructure, NTU)</p> <p>1600 - 1630 Integration of Shop Floor Activities in a Manufacturing Grid Environment by Dr. Zhang Jing Bing (Senior Scientist, SIMTech)</p> <p>1630 - 1700 Panel Discussion: Providing Manufacturing Services through the Grid</p> <p>Chair: Prof. Robert Gay (Director, IT Research Infrastructure, NTU)</p>	<p>1600 - 1700 Debunking the Hype & Myths</p> <p>Chair: Prof. Lawrence Wong (Director, National Grid Office)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Laurence Liew (CTO, Scalable Systems) • Dr. Simon See (Director, Asia-Pacific Science & Technology Centre, Sun Microsystems) • Sanford Law (Regional Manager, Platform Computing) • Dr. Sven Graupner (Senior Scientist, HP Labs Palo Alto, USA)

Day 1
(continue)

Introduction

Program

Exhibitors

General Info

Program

Day 1 (continue)

	1800 – 1815 First Day Wrap-Up Session	Panelists: <ul style="list-style-type: none"> • Randy Sng (Director, Manufacturing Industry, Asia Pacific, Sun Microsystems) • A/Prof. Tan Tin Wee (NUS) • Dr. Peter Lendermann (Senior Scientist, SIMTech) • Dr. Zhang Jing Bing (Senior Scientist, SIMTech) 	
1700		National Grid in Singapore	Panel Discussion
		Session Chair: Nigel Teow (Systems Engineer, Bioinformatics Institute) 1700 – 1730 Applications Grid-Enabling Experience - The Soft Aspects <i>by Choo Thong Tiong (Head, Promotions, National Grid Office)</i> 1730 – 1800 Experience & Lessons Learned from Enabling Applications for Users in National Grid Pilot Platform <i>by Ong Guan Sin (Grid Manager, Singapore Computer Systems)</i>	1700 – 1800 Enterprise Grids Ready for Prime Time? Chair: Damien Wong (Director, IT Governance, ASEAN, Mercury) Panelists: <ul style="list-style-type: none"> • Bryan Pryce (Director, Architecture, Oracle Asia Pacific) • Michael Monty (Business Development Executive, Grid Computing & Virtualization Solutions, IBM ASEAN South Asia) • Dr. Sven Graupner (Senior Scientist, HP Labs Palo Alto, USA) • A/Prof. Francis Lee (Vice Dean, Research, School of Computer Engrg, NTU)
1830	PRAGMA Banquet		

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Day 2

DAY 2 : Wednesday, 4 May

	Research Track @ Exploration Theatre	Technical Track @ Breakthrough Theatre	Industry Track @ Creation Theatre
0900	PRAGMA (Day 2)	Project Mega Grid Workshop (1)	AE@SG Workshop (1)
	0900 – 0915 Updates on BOF Sessions 0915 – 0930 Update on Internships <i>by Dr. Peter Arzberger (Chair, PRAGMA)</i> 0930 – 1030 Presentation by New Members	0900 – 1000 Getting on the Grid with Oracle 10g <i>by Bryan Pryce (Director, Architecture, Oracle Asia Pacific)</i> 1000 – 1030 Project Mega Grid <i>by Darren Rushworth (Senior Sales Director, Dell Business Unit, Oracle Corporation Asia Pacific)</i>	Session Chair: Prof. Lawrence Wong (Director, National Grid Office) 0900 – 0910 Welcome & Introduction 0910 - 0950 Invited Talk: "Policy-based Resource Management in Enterprise Grid" <i>by Dr. Sven Graupner (Senior Scientist, HP Labs Palo Alto, USA)</i> 0950 – 1010 Media Rendezvous Point <i>by A/Prof. Francis Lee (Vice Dean, Research, School of Computer Engineering, NTU)</i>

			1010 – 1030 Looking at the Demand for Grid-Based Services <i>by Prof. Steven Miller (Dean, School of Information Systems, Singapore Management University)</i>	Day 2 (continue)
1030	Morning Coffee/Tea			
1045 / 1100	PRAGMA (Day 2)	Project Mega Grid Workshop (2)	AE@SG Workshop (2)	
	<p>Discussions on Issues Identified</p> <p>1045 - 1120 Usable Grid Facilitators <i>by Kishore Sakharkar (BII) & Cindy Zheng (SDSC)</i></p> <p>1120 - 1155 Looking Beyond Globus Grids Facilitator: Arun Krishnan (BII)</p> <p>1155 - 1230 Grid Portal Facilitator: Rajesh Chabra</p>	<p>1100 – 1230 Project Mega Grid White Paper Discussion <i>by David Forden (Director, Technology Solutions Sales ASEAN, Oracle Corporation)</i></p>	<p>Session Chair: Louis Lam <i>(Manager, Industry Division, IDA)</i></p> <p>1100 – 1120 Rendering on Demand <i>by A/Prof. Tony Chan (Director, Centre for Advanced Media Technology, NTU)</i></p> <p>1120 – 1140 Semantic Matching for Data Centers <i>by A/Prof. Clement Chia (Director, Centre for Multimedia & Network Technology, NTU)</i></p> <p>1140 – 1200 Virtualization Technology for Information & Job Management on a Grid <i>by Dr. Terence Hung (Manager, Software & Computing Program, IHPC)</i></p> <p>1200 – 1220 Q & A Chair: Prof. Lawrence Wong (Chair, AE@SG R&D Committee)</p> <p>1220 – 1230 Closing Remarks <i>by Ramakrishna Purushotaman (Director, Enterprise Development, IDA)</i></p>	
1230	PRAGMA Lunch & Steering Committee Meeting	Lunch		
1330 / 1400	PRAGMA (Day 2)	Gelato Grid Focus Group BoF (1)	Collaborative Engineering Program (1)	
	<p>1400 – 1600 Breakout sessions for WGs</p>	<p>Session Chair: Arnaud Pierson <i>(Program Manager, University Relations, HP)</i></p> <p>1330 – 1340 Welcome & Introduction <i>by Mark K. Smith (Managing Director, Gelato Federation)</i></p> <p>1340 – 1400 Overview of Gelato Grid Computing Focus Group <i>by Arnaud Pierson (Program Manager, University Relations, HP)</i></p>	<p>Session Chair: Bok Shung Hwee <i>(Principal Investigator, CEP (Across Projects), NUS)</i></p> <p>1345 – 1415 Collaborative Engineering – The Way Forward <i>by Bok Shung Hwee (Principal Investigator, CEP (Across Projects) NUS)</i></p>	

Program

Day 2
(continue)

		<p>1400 – 1430 China Grid Supporting Platform <i>by Prof. Jin Hai (Huazhong University of Science & Technology, China)</i></p> <p>1430 – 1500 LCG/EGEE Middleware & Operations <i>by Chih-Chiang Chang (Academia Sinica Computing Center, Taiwan)</i></p> <p>1500 – 1530 RSIP to Enable MPICH-G2 Applications over the Grid <i>by P. N. Anantharaman (HP India)</i></p>	<p>1415 – 1450 Distributed Collaborative Design & Engineering <i>by A/Prof. A. Senthil Kumar (NUS)</i></p> <p>1450 – 1530 Exploiting Grid Computing for Simulation-Based Design <i>by Abele Stoelwinder (Grid Computing Specialist, Asia Pacific Science & Technology Centre, Sun Microsystems)</i></p>
1530 / 1600	Afternoon Coffee/Tea		
1600 / 1615	PRAGMA (Day 2)	Gelato Grid Focus Group BoF (2)	Collaborative Engineering Program (2)
	<p>1615 – 1715 WG Discussion Updates</p> <p>1715 – 1730 Wrap Up</p>	<p>Session Chair: <i>Jon Lau Khee Erng (Assistant Head, Technical, National Grid Office)</i></p> <p>1600 – 1620 Discussion on Proposed Tasks</p> <p>1620 – 1640 Summary & Closing</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><i>Gelato Members Only Program</i></p> <p>1700 Assemble for GOG Visit</p> <p>1705 – 1715 Travel</p> <p>1715 – 1745 Visit to GOG Site</p> <p>1745 – 1800 Travel back to Biopolis</p> <p>1900 – 1930 GridAsia Reception</p> <p>1935 – 2000 Travel to Restaurant</p> <p>2000 – 2300 Gelato Member's Dinner</p> </div>	<p>Session Chair: <i>Bok Shung Hwee (Principal Investigator, CEP, (Across Projects), NUS)</i></p> <p>1600 – 1640 Adopting Lean Principles in Collaborative Construction Management <i>by A/Prof. David Chua (NUS)</i></p> <p>1640 – 1710 Exploiting P2P Computing for Engineering Collaboration <i>by Lim Kim Hoong (Senior System Specialist, SES Systems)</i></p> <p>1710 – 1730 Discussion Forum Chair: <i>Dr. Ronnie Lee (Executive Consultant, Technology Group, IDA)</i></p> <p>1730 – 1740 Closing Remarks</p>
1900	GridAsia Reception		

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DAY 3 : Thursday, 5 May

Day 3

	Research Track @ Exploration Theatre	Technical Track @ Breakthrough Theatre	Industry Track @ Creation Theatre
0900	LS Grid (1)	Workshop on "Grid Computing & Applications" (1)	Panel Discussion
	<p>Session Chair: A/Prof. Tan Tin Wee (NUS & Scientific Program Co-Chair)</p> <p>0900 – 0910 Welcome & Introduction</p> <p>0910 – 1030 Keynote Speech on "Grid as a 'Ba' for Biomedical Knowledge Creation" by Prof. Akihiko Konagaya (RIKEN Genomic Sciences Center, Japan)</p>	<p>Session Chair: A/Prof. Francis Lee (NTU)</p> <p>0900 – 0910 Welcome & Introduction</p> <p>0910 – 0950 Invited Talk on "Innovations for Grid Security in Trusted Computing" by Dr. Mao Wenbo (Principal Engineer, HP Labs Bristol, UK)</p> <p>0950 – 1010 GridFAME: Flexible Authentication Middleware Extension for Grids" by Jay Chin (University of Manchester, UK)</p> <p>1010 – 1030 Data Grid Services for Biodiversity Informatics by Paul Coddington (University of Adelaide, Australia)</p>	<p>0900 – 1000 What Every CIO Should Know about Grid Computing</p> <p>Chair: Tan Chee Kiow (Deputy Director, Computer Center, NUS)</p> <p>Panelists:</p> <ul style="list-style-type: none"> Bryan Pryce (Director, Architecture, Oracle Asia Pacific) Chai Chin Loon (CIO, Agency for Science, Technology & Research) Wan Mee Fern (Open Computing Centre Manager, IBM) Dr. Dennis Sng (Managing Consultant & CTO, Managed Computing Competency Centre)
1000			<p>1000 – 1030 Grid Computing in Thailand: From e-Science to e-Business by Dr. Putchong Uthayopas (Kasetsart University, Thailand)</p>
1030	Morning Coffee/Tea		
1100	LS Grid (2)	Workshop on "Grid Computing & Applications" (2)	Types of Grid Applications
	<p>Session Chair: Dr. Mark Schreiber (Principal Scientist, Bioinformatics, Novartis Institute for Tropical Diseases)</p> <p>1100 – 1130 Upcoming Standards for Data Analysis in Bioinformatics by Martin Senger (European Institute of Bioinformatics, UK)</p> <p>1130 – 1200 Parallel and Pipelined Database Transfer in a Grid Environment for Bioinformatics by Kenji Satou (Japan Advanced Institute of Science & Technology, Japan)</p>	<p>Session Chair: A/Prof. Teo Yong Meng (NUS)</p> <p>1100 – 1150 Invited Talk on "Grid Programming Environment" by Dr. David Scott (APAC Technical Director, HPC Intel, Singapore)</p> <p>1150 – 1210 Virtualization for Manufacturing Web Services: a WS-RF approach by Zhonghua Yang (NTU)</p> <p>1210 – 1230 Web-based Grid PSE for MD Simulations by using Grid PSE Builder by Naotaka Yamamoto (Grid Technology Research Center, Japan)</p>	<p>Session Chair: George Wang (Manager, Reuters)</p> <p>1100 – 1130 Sensor Grids by Dr. Fang-Pang Lin (Manager, Grid Computing Division, National Center for High-Performance Computing, Taiwan)</p> <p>1130 – 1200 Data Grids for Digital Archives by Dr. Simon Lin (Director, Academia Sinica Computing Center, Taiwan)</p> <p>1200 – 1230 Karaoke Grid – A Mode of Entertainment Grid by Dr. Kazuyuki Shudo (Research Scientist, National Institute for Applied Industry Science & Technology, Japan)</p>

Introduction

Program

Exhibitors

General Info

Program

Day 3
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	1200 – 1230 Controlling the Chaos: Developing Post-Genomic Grid Infrastructures <i>by Richard Sinnott (National e- Science Centre, University of Glasgow, UK)</i>		
1230	Lunch		
1330	Joint Invited Talk (LSGRID 2005 & GCA 2005)		PC Grid Computing (1)
	<p>Venue: Exploration Theatre</p> <p>Session Chair: <i>Dr. Patrick Tan (Principal Investigator, National Cancer Centre & Leader, Life Sciences VGC)</i></p> <p>1330 – 1430 Invited Talk on “Does Grid Technology Help Life Sciences? Lesson Learnt from BioGrid Project in Japan” <i>by Prof. Shinji Shimajo (Director, Applied Information System Division, Cybermedia Center, Osaka University, Japan)</i></p>		<p>Session Chair: <i>Tan Chee Chiang (Manager, Computer Centre, NUS)</i></p> <p>1330 – 1400 Production Grids in the Enterprise: A Reality Today <i>by Sravish Sridhar (Director, EMEA/APAC Services & Support, United Devices Inc., USA)</i></p> <p>1400 – 1430 Virtual Screening using Korea@home <i>by Dr. Kyoung Tai No (Director, Research Institute of Bioinformatics & Molecular Design, Korea)</i></p>
1430	LS Grid (3)	Workshop on “Grid Computing & Applications” (3)	
	<p>Session Chair: <i>Dr. Patrick Tan (Principal Investigator, National Cancer Centre)</i></p> <p>1430 – 1500 A Framework for Biological Analysis on the Grid Environment <i>by Toshiyuki Okumura (Osaka University, Japan)</i></p> <p>1500 – 1530 An Architectural Design of Open Genome Services <i>by Ryo Umetsu (RIKEN Genomic Sciences Center, Japan)</i></p>	<p>Session Chair: <i>Choo Thong Tiong (Head, Promotions, National Grid Office)</i></p> <p>1430 – 1450 Unified Economic Deadline Scheduling Algorithm for Computational Grid <i>by Sugree Phatanapherom (Kasetsart University, Thailand)</i></p> <p>1450 – 1510 An SNAP-based Resource Management System for Grid Environments <i>by Zhonghua Yang (NTU)</i></p> <p>1510 – 1530 A Machine Learning Method for Resource Allocation in Multi-Agent Negotiation System <i>by Cheng Wai Khuen (Universiti Sains Malaysia)</i></p>	
		<p>Session Chair: <i>Tan Chee Chiang (Manager, Computer Centre, NUS)</i></p> <p>1430 – 1500 P3: Personal Power Plant – Makeover Your PC into Power Generators on the Grid <i>by Dr. Kazuyuki Shudo (Research Scientist, Grid Infraware Team, National Institute for Applied Industry Science & Technology, Japan)</i></p> <p>1500 – 1530 OMII 1: Production Quality Middleware for Grid Computing <i>by Dr. Steven Newhouse (Deputy Director, Open Middleware Infrastructure Initiative, UK)</i></p>	
1530	Afternoon Coffee/Tea		

		Day 3 (continue)	
1600	LS Grid (4)	Workshop on "Grid Computing & Applications" (4)	Panel Discussion
	<p>Session Chair: <i>Prof. Akihiko Konagaya (Chair, LSGrid Steering Committee & RIKEN Genomics Sciences Centre, Japan)</i></p> <p>1600 – 1630 Maximizing Computational Capacity of Computational Biochemistry Applications: The Nuts & Bolts <i>by Kenneth Tan (CEO, OptimaNumerics, UK)</i></p> <p>1630 – 1700 Solutions for Grid Computing in Life Sciences <i>by Ulrich Meier (Global Industry Marketing Manager for Life Sciences, Sun Microsystems)</i></p> <p>1700 – 1730 Streamlining Drug Discovery Research by Leveraging Grid Workflow Manager" <i>by Anirban Chakrabarti (Infosys Technologies, India)</i></p> <p>1730 - 1800 MolWorks+G: Integrated Platform for an Acceleration of a Molecular Design by Grid Computing <i>by Fumikazu Konishi (RIKEN Genomic Sciences Center, Japan)</i></p>	<p>Session Chair: <i>Jon Lau Khee Erng (Assistant Head, Technical, National Grid Office)</i></p> <p>1600 – 1620 Grid Workflow Management System <i>by Jie Song (Asia Pacific Science & Technology Centre, Sun Microsystems)</i></p> <p>1620 – 1640 GANGA: Grid Application iNformation Gathering & Accessing framework <i>by Dharmesh Bhansali (Indian Space Research Organization)</i></p> <p>1640 – 1700 A Network Architecture for Enabling Execution of MPI Applications on the Grid <i>by P. N. Anantharaman (HP India)</i></p> <p>1700 – 1720 Nanyang Campus Inter-Organization Grid Monitoring System <i>by Ng Hee Khiang (NTU)</i></p> <p>1720 – 1740 A Study on Education Resource Sharing Grid <i>by Yuexuan Wang (Tsinghua University, China)</i></p> <p>1740 – 1800 Grid Computing for Virtual Experimentation & Analysis <i>by Nirupam Julka (SIMTech)</i></p>	<p>1600 – 1700 Grid Business Models</p> <p>Chair: <i>Prof. Steven Miller (Dean, School of Info Systems, Singapore Management University)</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • <i>Alfred Lie (Deputy CEO, Managed Computing Competency Center)</i> • <i>Prof. Ramayya Krishnan (Carnegie Mellon University, USA)</i> • <i>Marc Hamilton (Executive Director, Global Science & Technology Network, Sun Microsystems)</i> • <i>Doug Miller-Davie (Industry Solutions Business Development Executive, IBM Asia Pacific)</i>
1700			Panel Discussion
			<p>Panel Discussion: Web Services Grid for Interoperability</p> <p>Chair: <i>Dr. Ronnie Lee (Executive Consultant, Technology Group, IDA)</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • <i>Lee Chin Yau (Architect, Grid Computing & Virtualization Solutions, IBM ASEAN South Asia)</i> • <i>Chin Chee Kai (Director, SoftML)</i> • <i>Yong Xie (Singapore-MIT Alliance)</i> • <i>Dr. Steven Newhouse (Deputy Director, Open Middleware Infrastructure Initiative, UK)</i> • <i>Dr. Song Jie (Grid Researcher, Sun Asia-Pacific Science & Technology Centre)</i> • <i>Daniel Wee (Manager, School of IT, Nanyang Polytechnic)</i>
1900	GridAsia 'Makan'		

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Day 4

DAY 4 : Friday, 6 May

	Research Track @ Exploration Theatre	Technical Track @ Breakthrough Theatre	Industry Track @ Creation Theatre
0900	<p>LS Grid (5)</p> <p>Session Chair: A/Prof. Tan Tin Wee (NUS)</p> <p>0900 – 0910 Welcome & Introduction</p> <p>0910 – 1000 Keynote Speech on "CIBs: CyberInfrastructure for Biosciences" by Prof. John Wooley (Associate Vice Chancellor for Research, University of California San Diego)</p> <p>1000 – 1030 Panel Discussion: Life Sciences Grid Standardization</p> <p>Chair: A/Prof. Tan Tin Wee (NUS)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Prof. John Wooley (Associate Vice Chancellor for Research, University of California San Diego) • Dr. Peter Azberger (Director, National Biomedical Computation Resource, USA) • Dr. Wilfred Li (Project Manager, National Biomedical Computation Resource, USA) 	<p>Digital Media VGC (1)</p> <p>Session Chair: A/Prof. Seah Hock Soon (Leader, Digital Media VGC & Dean, School of Computer Engrg, NTU)</p> <p>0900 – 0910 Welcome & Introduction</p> <p>0910 – 0950 Grid for Frame Rednering by Mohan Doss (Director, Volume Business, Sun Microsystems, USA)</p> <p>0950 – 1030 Intel in Digital Media by Leighton Phillips (SEA Regional Market Development Manager, Intel, Thailand)</p>	<p>Grid Schedulers</p> <p>Session Chair: A/Prof. Teo Yong Meng (Leader, Middleware & Architecture WG & NUS)</p> <p>0900 – 0930 Sun Grid Engine by Melvin Koh (Senior Grid Engineer, Asia-Pacific Science & Technology Centre, Sun Microsystems)</p> <p>0930 – 1000 Altair® PBS Professional(tm) as Grid Enabler by Dr. Raj Godhia (Managing Director, Mega Computing)</p> <p>1000 – 1030 Platform Grid Technology & Solutions by Dr. Weihong Long (Director, Software Development, Platform Computing, Canada)</p>
1030	Morning Coffee/Tea		
1100	<p>LS Grid (6)</p> <p>Session Chair: Brian Yates (Managing Director, Blueprint Initiative Asia)</p> <p>1100 – 1130 Invited Talk: "Grid Usability Case Studies: Deployment of Bioinformatics Applications" by Dr. Wilfred Li (Project Manager, National Biomedical Computation Resource, USA)</p> <p>1130 – 1200 Development of cDNA-Genome Mapping Engine by GridBlast by Fumikazu Konishi (RIKEN Genomic Sciences Center, Japan)</p>	<p>Digital Media VGC (2)</p> <p>Session Chair: Gabriyel Wong Chee Kien (Technical Director, gameLAB, NTU)</p> <p>1100 – 1130 Managing Compute Resources for 3D Rendering: Leveraging Utility Models for Your Business Advantage by Alfred Lie (Deputy CEO, Managed Computing Competency Centre)</p> <p>1130 – 1230 3D Visualization for Collaborative Server-based Applications & Application Services: A New Approach with RealityServer® by Ludwig von Reiche (EVP, mental images, Germany)</p>	<p>Panel Discussion</p> <p>1100 – 1200 Schedulers Shootout</p> <p>Chair: A/Prof. Teo Yong Meng (Leader, Middleware & Architecture WG & NUS)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Melvin Koh (Senior Grid Engineer, Asia-Pacific Science & Technology Centre, Sun Microsystems) • Dr. Raj Godhia (Managing Director, Mega Computing) • Dr. Weihong Long (Director, Software Development, Platform Computing, Canada) • Benjamin Khoo (Senior Research Officer, IHPC)

Day 4
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	1200 – 1230 Grid Enabled Molecular Life Science through Online Networked Environment <i>by Kim Baldrige (University of Zurich, Switzerland)</i>		
1230	Lunch		
1330	LS Grid (7)	Physical Sciences VGC (1)	Collaboration
	<p>Session Chair: <i>Dr. Richard Sinnott (Deputy Director, National e-Science Centre, University of Glasgow, UK)</i></p> <p>1330 – 1400 Application-level QoS Support for a Medical Grid Infrastructure" <i>by Siegfried Benkner (University of Vienna, Austria)</i></p> <p>1400 – 1430 Addressing Secure Access Challenges for Normadic Grid: A Hospital Case Study <i>by Syed Naqvi (Telecom Paris, France)</i></p> <p>1430 – 1500 Multiple Alignment of Sequences using a Parallelized Randomized Strategy for the Selection of Optimum Gap Costs <i>by Allen Rodrigo (Bioinformatics Institute, University of Auckland, NZ)</i></p> <p>1500 - 1530 Large-Scale Simulation & Prediction of HLA-Epitope Complex Structures <i>by Choo Keng Wah (Nanyang Polytechnic)</i></p>	<p>Session Chair: <i>Dr. Terence Hung (Leader, Physical Sciences VGC & Manager, Software & Computing Program, IHPC)</i></p> <p>1330 – 1340 Welcome & Introduction</p> <p>1340 – 1415 Science & Engineering Grid Project @ IHPC <i>by Ho Quoc Thuan (Research Officer, IHPC)</i></p> <p>1415 – 1450 WSRF based Architecture for Grid Enabling Scientific Applications <i>by Dr. Dheeraj Bhardwaj (GridSolv Software Pvt Ltd, India)</i></p> <p>1450 – 1530 A Proposed Grid Framework for Multi-Disciplinary Design Optimization <i>by Dr. Mohd. Salahuddin (Research Engineer, IHPC)</i></p>	<p>Session Chair: <i>Dr. Ng Yan Hong (School of ICT, Singapore Polytechnic)</i></p> <p>1330 – 1400 Realizing Virtual Collaboration with Grid Computing Environment <i>by Takehiko Kato (President, Engineous Japan, Inc.)</i></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Digital Media Roundtable Discussion</p> <p>1330 – 1530</p> <p>Venue: Meeting Room, Level 7, The Matrix</p> <p style="text-align: center;"><i>Registration on First-Come-First-Serve basis.</i></p> </div>
1530	Afternoon Coffee/Tea		
1600	LS Grid (8)	Physical Sciences VGC (2)	
	<p>Session Chair: <i>Prof. Akihiko Konagaya (Chair, LSGrid Steering Committee & RIKEN Genomic Sciences Centre, Japan)</i></p> <p>1600 – 1630 Construction of Complex Networks Using Mega Process GA & Grid MP <i>by Yoshiko Hanada (Doshisha University, Japan)</i></p>	<p>Session Chair: <i>Dr. Terence Hung (Leader, Physical Sciences VGC & Manager, Software & Computing Program, IHPC)</i></p> <p>1600 – 1630 Attaining High Performance on Scientific & Engineering Applications <i>by Dr. Kenneth Tan (CEO, Optima Numerics Ltd, UK)</i></p>	

Introduction

Program

Exhibitors

General Info

Program

Day 4
(continue)

	<p>1630 – 1700 Adapting the Perceptron for Non-Linear Problems in Protein Classification <i>by Martin Chew Wooi Keat (Universiti Sains Malaysia)</i></p> <p>1700 – 1730 An Applied Process Control Concept to Gene Motif Networking Modeling for Predicting the Gene Expression Profiles <i>by Saowalak Kalapanulak (King Mongkut's University of Technology, Thailand)</i></p> <p>1730 – 1800 A Structured & Multi-Cellular Model of Starch Biosynthesis in Potato <i>by Treenut Saithong (University of Thonburi, Thailand)</i></p> <p>1800 – 1810 Closing Remarks <i>by Prof. Akihoko Konagaya (Chair, LSGrid Steering Committee)</i></p>	<p>1630 – 1700 Harnessing Grid Technologies in Complex Engineering Design <i>by Dudy Lim (Research Associate, NTU)</i></p> <p>1700 – 1710 Closing Remarks</p>	
<p>1810</p>	<p>End of GridAsia2005</p>		

See you at ...

