

Grid Asia 2005
Workshop on "Grid Computing & Applications"
Thursday, 5 May 2005

Tentative Program (subject to change)

Objective: To promote research and development of Grid Computing & Applications by:

- Providing a forum to introduce and discuss new research results, concepts, and technologies;
- Providing practitioners an exposure to and an evaluation of evolving research, tools, and practices;
- Providing researchers an exposure to issues and challenges of Grid Computing adoption and applications; and
- Encouraging the exchange of Grid Computing technologies and experience.

Target Audience: Researchers, practitioners, educators, & users

Time		Agenda	Speaker
		Session chair: A/Prof. Francis Lee (NTU)	
0900	0910	Welcome & Introduction	
0910	0950	Invited paper: Innovations for Grid Security from Trusted Computing	Dr. Mao Wenbo (Principal Engineer, HP Labs Bristol, UK)
0950	1010	GridFAME: Flexible Authentication Middleware Extension for Grids	Jay Chin (University of Manchester, UK)
1010	1030	Data Grid Services for Biodiversity Informatics	Paul Coddington (University of Adelaide, Australia)
1030	1100	Coffee Break	
		Session chair: A/Prof. Teo Yong Meng (NUS)	
1100	1150	Invited paper: TBA	TBA (Intel)
1150	1210	Virtualization for Manufacturing Web Services: a WS-RF approach	Zhonghua Yang (NTU)
1210	1230	Web-based Grid PSE for MD Simulations by using Grid PSE Builder	Naotaka YAMAMOTO (Grid Technology Research Center, Japan)
1230	1330	Lunch	
		Joint Invited Talk (with LSGRID 2005)	
1330	1430	Invited paper: Does Grid Technology help Life Sciences? Lesson learnt from Biogrid Project in Japan	Prof. Shinji Shimojo (Osaka University, Japan)
		Session chair: Choo Thong Tiong (NGO)	
1430	1450	Unified Economic Deadline Scheduling Algorithm for Computational Grid	Sugree Phatanapherom (Kasetsart University, Thailand)
1450	1510	An SNAP-based Resource Management System for Grid environments	Zhonghua Yang (NTU)
1510	1530	A Machine Learning Method for Resource Allocation in Multi-Agent Negotiation System	Cheng Wai Khuen (Universiti Sains Malaysia)
1530	1600	Coffee Break	

		Session chair: Jon Lau Khee Erng (NGO)	
1600	1620	Grid Workflow Management System	Jie Song (Asia Pacific Science & Technology Centre, Sun Microsystems)
1620	1640	GANGA: Grid Application iNformation Gathering and Accessing framework	Dharmesh Bhansali (Indian Space Research Organization, India)
1640	1700	A Network Architecture for Enabling Execution of MPI Applications on the Grid	P. N. Anantharaman (HP India)
1700	1720	Nanyang Campus Inter-Organization Grid Monitoring System	Ng Hee Kiang (NTU)
1720	1740	A Study on Education Resource Sharing Grid	Yuexuan Wang (Tsinghua University, China)
1740	1800	Grid Computing for Virtual Experimentation and Analysis	Nirupam Julka (SIMTech)