Grid Asia 2005
Life Sciences Grid 2005 (LSGRID 2005)
Thursday & Friday, 5 - 6 May 2005

Tentative Program (subject to change)

Objective:

Target Audience: Researchers, practitioners, educators, & users in life sciences grid

5 May 2005 (Thursday) – Day 1 Program

Time		Agenda	Speaker
		Session chair: A/Prof. Tan Tin Wee (NUS & Scientific Program Co-Chair)	
0900	0910	Welcome & Introduction	A/Prof Tan Tin Wee (National University of Singapore)
0910	1030	Keynote Speech: "Grid as a 'Ba' for Biomedical Knowledge Creation"	Prof. Akihiko Konagaya (RIKEN Genomic Sciences Center, Japan)
1030	1100	Coffee Break	
		Session chair: Dr. Mark Schreiber (Principal Scientist, Bioinformatics, Novartis Institute for Tropical Diseases)	
1100	1130	Upcoming standards for data analysis in bioinformatics	Dr Martin Senger European Bioinformatics Institute (EMBL-EBI), UK
1130	1200	Parallel and Pipelined Database Transfer in a Grid Environment for Bioinformatics	Dr Kenji Satou Japan Advanced Institute of Science & Technology, Japan
1200	1230	Controlling the Chaos: Developing Post-Genomic Grid Infrastructures	Dr Richard Sinnott National e-Science Centre, University of Glasgow, UK
1230	1330	Lunch	
		Session chair: Dr. Patrick Tan (Principal Investigator, National Cancer Centre)	
1330	1430	Invited Talk: "Does Grid Technology Help Life Sciences? Lessons Learnt from BioGrid Project in Japan"	Prof. Shinji Shimojo (Director, Applied Information System Division, Cybermedia Center, Osaka University, Japan)
1430	1500	A Framework for Biological Analysis on the Grid Environment	Toshiyuki Okumura CMC, Osaka University, Japan
1500	1530	An Architectural Design of Open Genome Services (OGS)	Ryo Umetsu Bioinformatics Group, Riken Genomic Sciences Center, Japan
1530	1600	Coffee Break	
		Session chair: Akihiko Konagaya (RIKEN Genomic Sciences Center, Japan)	
1600	1630	Maximizing Computational Capacity of Computational Biochemistry Applications ; The Nuts & Bolts	Dr. Kenneth Tan CEO, OptimaNumerics, UK
1630	1700	Solutions for Grid Computing in Life Sciences	Dr. Ulrich Meier Global Industry Marketing Manager for Life Sciences, Sun Microsystems, USA
1700	1730	Streamlining Drug Discovery Research by Leveraging Grid Workflow Manager	Dr. Anirban Ghosh Infosys Technologies, India
1730	1800	MolWorks+G: Integrated platform for an acceleration of a molecular design by Grid Computing	Fumikazu KONISHI Bioinformatics Group, Riken Genomic Sciences Center, Japan

6 May 2005 (Friday) – Day 2 Program

Time		Agenda	Speaker
0900	0910	Welcome & Introduction	
0910	1000	KeyNote Speech CIBs: CyberInfrastructure for Biosciences	Prof. John Wooley Associate Vice Chancellor for Research University of California San Diego
1000	1030	Panel Discussion: LSGrid StandardIzation Prof. John Wooley Dr. Peter Arzberger Dr. Wilfred Li	Chair: A/Prof. Tan Tin Wee (National University of Singapore)
1030	1100	Coffee Break	
		Session chair: Brian Yates (Managing Director, Blueprint Initiative Asia)	
1100	1130	Invited Talk: "Grid Usability Case Studies: Deployment of Bioinformatics Applications"	Dr. Wilfred LI (Project Manager, National Biomedical Computation Resource, USA)
1130	1200	Development of cDNA-Genome Mapping Engine by GridBlast	Fumikazu KONISHI Bioinformatics Group, RIKEN Genomic Sciences Center, Japan
1200	1230	Grid Enabled Molecular Life Science through Online Networked Environments	Kim Baldrige, University of Zurich Karan Bhatia, University of California San Diego
1230	1330	Lunch	
		Session chair: Dr. Richard Sinnott (Deputy Director, National e-Sciences Centre, University of Glasgow, UK)	
1330	1400	Application-level QoS Support for a Medical Grid Infrastructure	Dr. Siegfried Benkner University of Vienna, Austria
1400	1430	Addressing Secure Access Challenges for Nomadic Grid: A Hospital Case Study	Syed Naqvi Telecom Paris, France
1430	1500	Multiple Alignment of Sequences using a Parallelised Randomization Strategy for the Selection of Optimum Gap Costs	Professor Allen Rodrigo Bioinformatics Institute, University of Auckland, New Zealand
1500	1530	Large-Scale Simulation and Prediction of HLA-Epitope Complex Structures	Choo Keng Wah Nanyang Polytechnic, Singapore
1530	1600	Coffee Break	
		Session chair: Akihiko Konagaya (Chair, LSGrid Steering Committee & RIKEN Genomic Sciences Center, Japan)	
1600	1630	Construction of Complex Networks Using Mega Process GA and Grid MP	Yoshiko Hanada Graduate School of Donshisha University, Japan
1630	1700	Adapting the Perceptron for Non-Linear Problems in Protein Classification	Martin Chew Wooi Keat Universiti Sains Malaysia, Malaysia
1700	1730	An applied process control concept to gene motif network modeling for predicting the gene expression profiles	Saowalak Kalapanulak King Mongkut's University of Technology, Thailand
1730	1800	A structured and multi-cellular model of starch biosynthesis in potato	Treenut Saithong University of Thonburi, Thailand
1800	1810	Closing Remarks	Prof. Akihiko Konagaya (Chair, LSGrid Steering Committee)