



CALL FOR PAPERS

2nd Workshop on Life Sciences Grid 5-6 May 2005

<http://gridasia.ngp.org.sg/lsgrid>

Local Chair

LEE Hing-Yan (*National Grid Office,
Singapore*)

Program Co-Chairs

TAN Tin Wee (*National University of
Singapore, Singapore*)

ARZBERGER Peter (*University of
California, San Diego, USA*)

International Program Committee Members

To be inserted in due course

Area and Scope

Researchers in the field of Life Sciences rely increasingly on information technology to extract and manage relevant knowledge. The complex computational and data management needs of life sciences research make Grid technologies an attractive support solution. However, many important issues must be addressed before the Life Sciences Grid becomes common place. The scope of this workshop focuses on life science applications of grid systems especially for bioinformatics research and systems biology which require heterogeneous data integration from genome to phenome, mathematical modeling and simulation from molecular to population levels, and high performance computing including parallel processing, special hardware and grid computing.

Topics

The program committee welcomes the submission of original manuscripts addressing the problem of Grid Systems for Life Sciences. Authors should report relevant experiences, present novel approaches to existing problems and raise important novel issues. Topics of interest include, but are not limited to, those in the following list:

- Grid architectures for life science
- Life science applications on grid systems
- Computation pipelines and workflows for life science data integration
- Ontologies and semantic web approaches for life sciences
- Mathematical modeling and simulation systems for life sciences
- High performance architectures and systems for life sciences

Paper Submission: Authors are invited to submit original and unpublished work. Papers should not exceed 10 single-spaced pages on A4 paper size, using at least 1 inch margins and 12-point font. Authors should submit a PDF or PostScript (level 2) file that will print on a PostScript printer. Electronic submission through the symposium website is strongly encouraged. Submission implies the willingness of at least one of the authors to register and present the paper.

Important Dates

31 Dec 2004	: Submission deadline of Abstracts for posters /demonstration (800 words or more)
31 Jan 2004	: Submission deadline of Abstracts for Papers
28 Feb 2005	: Notification of Acceptance
31 Mar 2005	: Submission of Full Paper

Further Information

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About Grid Asia 2005

The inaugural Grid Asia event will be launched in Biopolis, Singapore. It brings together researcher and practitioners in Grid Computing as well as related technologies and applications.

AMBIS

