International Workshop on Grid Computing

http://www.gridcomputing.org

GRID'2000

In Conjunction with (http://www.hipc.org)

7th International Conference on High Performance Computing (HiPC'2000)
Dec. 17-20, 2000, Bangalore, India

CALL FOR PAPERS and PARTICIPATION

Sponsored by:

Workshop Co-Chairs:
Rajkumar Buyya
Monash Uni., Australia

Mark Baker
Portsmouth Uni., UK

Program Committee:
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Francine Berman
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The growing popularity of the Internet along with the availability of powerful computers and high-speed networks as low-cost commodity components are helping to change the way we do computing. These new technologies are enabling the clustering of a wide variety of geographically distributed resources, such as supercomputers, storage systems, data sources, and special devices, that can then be used as a unified resource and thus form what is popularly known as a "Computational Grids". The Grid is analogous to power (electricity) grid and aims to couple distributed resources and offer consistent and inexpensive access to resources irrespective of their physical location. Some of the research projects that have popularized the concept of Grid, include Globus, Legion, Nimrod/G, DISCWorld and AppLeS.

GRID'2000 is an international meeting that aims to bring together the Grid community (researchers, developers, practitioners, and users). The objective of GRID'2000 is to serve as a forum to present current and future work as well as to exchange research ideas in this field. The topics of interest include, but are not limited to:

- Grid Fabrics and Architectures
- Grid Middleware and Toolkits
- Resource Management and Scheduling
- Grid Information Services
- Grid Security Issues
- Advance Resource Reservation and Scheduling
- Remote Data Access and Management
- Grid Management and Organization Tools
- Issues in integrating Clusters into Grid
- Programming Models, Tools, and Environments
- Performance Evaluation and Modelling
- Internet-based Computing Models
- Grid Applications
- Information Power Grid
- Computational Economy
- Social, Scientific, and Industrial Implications

Important Dates:

May 1, 2000: Paper Submission
June 30, 2000: Acceptances Notified
Aug. 15, 2000: Camera-Ready Paper
Dec. 17-20, 2000: Conference

Paper Submission: GRID'2000 invites authors to submit their original and unpublished work that demonstrates current research in all areas of Grid computing. The paper should not exceed 12 single-spaced pages of text using 10 point size type on A4 pages. Electronic submission by email is strongly encouraged. Authors should submit a PostScript (level 2) or PDF file that will print on a PostScript printer using A4 size paper. Submission implies the willingness of at least one of the authors to register and present the paper. Hard copies should be sent only if electronic submission is not possible. Please send a full paper for consideration to either of the Workshop Co-Chairs. GRID'2000 also encourages the submission of outstanding "work-in-progress" type of research, however, the size of such papers is restricted to 5 pages.

Proceedings: All papers selected for this workshop by peer-review process will be published as a separate proceeding (titled as "Grid Computing") through Springer Verlag Press (LNCS series), Germany.

Further Information: Contact Workshop Co-Chairs: rajkumar@csse.monash.edu.au or mark.baker@port.ac.uk
Access GRID'2000 Homepage: http://www.buyya.org/Grid2000/