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Call for Papers**Scope**

CCGrid 2007 is the seventh in a series of successful international symposia and for the first time will take place in South America - in Rio de Janeiro, Brazil. Grid Computing started as a generalization of Cluster Computing, promising to deliver unprecedented levels of parallelism to high-performance applications by crossing administrative boundaries. Subsequently, this vision evolved to support on-demand access and composition of any computational service, provided by multiple independent sources. Under this new vision, Clusters gained renewed importance as the "super-servers" of the emerging Grid infrastructure. Meanwhile, the use of computational and data resources in high-performance applications, undertaken over Grid infrastructure, have started to now become a reality. Today we face the huge challenge of making on-demand access to any computational service, the "computing as service" vision, a wide-spread reality. The CCGrid Symposium has been part of this journey, bringing together researchers and practitioners and enabling them to share their insight, results, and experience in the multifaceted areas of Grid and Cluster computing. Selected papers will be invited to a Special Issue of Concurrency and Computation: Practice and Experience.

Topics

The areas of interest include, but are not limited to, the following:

Grid Architectures and Systems	Grid Economies and Service Architectures
Middleware for Clusters and Grids	Grid Economies and Service Architectures
Grid Architectures and Systems	Utility Computing Models for Clusters and Grids
Middleware for Clusters and Grids	Programming Models, Tools, and Environments
Resource Management	Performance Evaluation and Modeling
Peer-to-Peer Systems	Grid-based Problem Solving Environments
Grid Trust and Security	Service Composition and Orchestration
Community networks	Community and collaborative computing networks
Scheduling and Load Balancing	Scientific, Engineering, and Commercial Applications
Parallel and Wide-Area File Systems	Support for Self-Managing/Self-Configuring Grid Infrastructure

Information to Authors

Authors are invited to submit original papers of 8 pages maximum. Papers should be double column text, using single spaced 10 point size type on Letter(8.5"x11"), and follow the IEEE manuscript guidelines.

Submission is on-line only at the symposium web site or directly at the JEMS site. File format must be PDF. Proceedings will be published by the IEEE Computer Society.

Electronic only submission at <https://submissoes.sbc.org.br/ccgrid2007>

Submission implies the willingness of at least one of the authors to register and present the paper.

Workshops, Tutorials, and Posters

Workshop proposals should be 4 pages maximum. Tutorials are 4-four pages long and require a 5th-page description including the presenters' vita and contents to be presented. Poster submission should be 2 pages maximum. Submission is on-line only at the symposium web site or directly at the submission site. File format must be PDF. These rules should actually be asked to the appropriate chair.

Important Dates

Paper Submission:	November 15th, 2006
Notification of Acceptance:	January 15th, 2007
Camera Ready Paper Due:	January 29th, 2007



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