

ACM/IFIP/USINIX 4th Intl. Workshop on Middleware for Grid Computing MGC2006

Welcome

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27 Nov 06

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Submission Deadline: 14 August 06

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background

- ACM/IFIP/USINIX Intl. Workshop on Middleware for Grid Computing - MGC
 - since 2003
 - proceedings with ACM digital library, since 2004
 - Proceedings of MGC 2006 should be online
- A good number of high-quality submissions
- 14 papers out of 42 originally submitted
- Additionally 7 posters have been invited
- Authors highlight issues and solutions in one or more of the themes identified for the workshop

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Topics

- Grid and Web Services Architectures and Middleware
- Object Metadata and Schemas in Grid Middleware
- Programming Models and Tools in Grid Middleware
- Resource Management and Scheduling
- Strategies and Protocols for QoS in Grid Middleware
- Information Services in Grid Middleware
- Dependability and Fault Tolerance in Grid Middleware
- Performance Evaluation and Modeling in Grid Middleware
- Agent-based Approaches in Grid Middleware
- Utility computing
- Core Grid Infrastructure
- Grid Security
- Virtualization in Grid Middleware
- Wireless Grids Middleware
- Data Grid Middleware
- Peer to Peer Protocols in Grid Computing
- Network Support for Grid Computing
- Grid Application Frameworks
- Portals and Portlet Containers
- Adaptive/Autonomic Middleware
- Messaging in Grid Middleware

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Special Issues on Concurrency and Computation,
• since 2003 on selected papers from MGC

Vol.16 N.5 2004

• www3.interscience.wiley.com/cgi-bin/jissue/107637997

Vol. 18(6) 2006

• www3.interscience.wiley.com/cgi-bin/jissue/112561663

2006/2007 on selected papers from MGC 2005

2007 on selected papers from MGC 2006

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Announcements

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7th IEEE International Symposium on Cluster Computing and the Grid

14-17, May 2007, Rio de Janeiro - Brazil



CCGrid 07


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 TCSC
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Mozilla Firefox
 http://ccgrid07.incc.br/

Getting Started Latest Headlines
 Dr. Rajkumar Buyya's Internet Home! The Telegraph - Calcutta : Careergraph CCGrid 2007 - Rio de Janeiro - Brasil

CCGrid 07

7th IEEE International Symposium on Cluster Computing and the Grid — CCGrid 2007
 Rio de Janeiro - Brasil / May 14-17, 2007

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CCGrid 2007 Home

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 multi-faceted areas of Grid and Cluster computing. The areas of interest include, but are not limited to, the following:

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CCGrid07: Scope

- *CCGrid 2007* will be 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* Symposia has been part of this journey, bringing together researchers and practitioners and enabling them to share their insight, results, and experience in the multi-faceted areas of Grid and Cluster computing.

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CCGrid07: Some Topics

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| <ul style="list-style-type: none"> • Grid Architectures and Systems • Middleware for Clusters and Grids • Resource Management • Peer-to-Peer Systems • Grid-based Problem Solving Environments • Grid Trust and Security • Community networks • Scheduling and Load Balancing • Parallel and Wide-Area File Systems | <ul style="list-style-type: none"> • Grid Economies and Service Architectures • Programming Models, Tools, and Environments • Performance Evaluation and Modeling • Utility Computing Models for Clusters and Grids • Service Composition and Orchestration • Community and collaborative computing networks • Scientific, Engineering, and Commercial Applications • Support for Self-Managing/Self-Configuring Grid Infrastructure |
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Workshops

- Agent Based Grid Computing
 - Pablo Chacin, Liviu Joita
- 5th Intl. Workshop on Biomedical Computations on the Grid.
 - Chun-Hsi Huang, Vincenzo Lanzam, Sanguthevar Rajasekaran, Mitsuhsisa Sato
- Context-Awareness and Mobility in Grid Computing
 - Fabio Costa, Geoff Coulson, Markus Endler, Francisco J da Silva e Silva
- DSC2007: Workshop on Data Sharing, Consistency and DSM systems
 - Laurent Lefevre, Michael Schoettner
- 7th Intl. Workshop on Global and Peer-to-Peer Computing.
 - Gilles Fedak, Mitsuhsisa Sato
- Programming Models for Grid Computing
 - Alfredo Goldman, Arnaud Legrand, Denis Trystram, Renato Cerqueira
- First IEEE TCSC Doctoral Symposium.
 - Markus Lorch, Srikumar Venugopal
- LAGrid: The Latin America Grid Workshop.
 - Elias P. Duarte Jr., Michael Stanton, Antonio Tadeu A. Gomes

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CCGrid07: Deadlines

- Workshop papers
 - Submission : Dec 15-20th, 2006
 - Acceptance notification: Jan. 15th, 2007
 - Camera-ready: Jan. 29th, 2007
- Posters
 - Submission : Feb. 16th, 2007
 - Acceptance notification: Mar. 9th, 2007
- Tutorial proposals
 - Submission : Jan. 15th, 2007
 - Acceptance notification: Jan. 25th, 2007
- Conference papers
 - Submission : Nov. 26th, 2006
 - Acceptance notification: Jan. 15th, 2007
 - Camera-ready: Jan. 29th, 2007

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Thanks!

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