



## 4th International Workshop on Middleware for Grid Computing - MGC 2006

In conjunction with ACM/IFIP/USENIX 7th International Middleware Conference 2006

Melbourne, Australia

Monday November 27, 2006

<http://mgc2006.incc.br>

The Middleware for Grid Computing (MGC) workshop series have been organized in conjunction with the Middleware Conference, since MGC 2003, in Rio – Brazil, followed by MGC 2004 in Toronto - Canada, and MGC 2005 in Grenoble - France. Following each workshop, thoroughly revised selected papers were invited to Special Issues of Concurrency and Computation: Practice and Experience Journal (CPE) Journal. For MGC 2006, workshop researchers from the various GRID middleware communities are encouraged to submit and present original work to be considered for publication. Overall topics of interest include but are not limited to:

- 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

**Paper Submission:** The *Workshop on Middleware for Grid Computing* invites authors to submit original and unpublished work. Papers should not exceed 6 pages ACM style (single-spaced 2-column of text using 09-point size type on A4 paper). Authors should submit a PostScript (level 2) or PDF file that will print on a PostScript printer.

- Electronic only submission (via submission server).
- Submission requires the willingness of at least one of the authors to register and present the paper.
- All selected papers for this workshop are peer-reviewed and will be published with ACM.
- Selected (extended) papers will be invited to a special issue of Concurrency and Computation: Practice and Experience Journal to appear in 2007(8).

### Important Dates:

Submissions:

Notice of acceptance:

Camera-ready:

Monday - 14th August 2006

Thursday - 14th September 2006

Thursday - 5th October 2006

### Program Committee (preliminary)

- Cristiana Amza - Univ. Toronto, CA
- Jim Basney - NCSA, US
- Francoise Baude - U Nice Sophia-Antipolis, FR
- Geoff Coulson - Lancaster Univ., UK
- Michel Daydé - ENSEEIHT, FR
- Thomas Fahringer - UIBK, AT
- Geoffrey Fox - Univ. Indiana, US
- Wolfgang Gentsch - D-Grid Initiative, DE
- Claudio Geyer - UFRGS, BR
- Manfred Hauswirth - EPFL, CH
- Hai Jin - HUST, CN
- Adriana Iamnitchi - USF, US
- Kate Keahey - Univ. of Chicago and ANL, US
- Himanshu Khurana – NCSA/UIUC, US
- Tevfik Kosar - LSU, US
- Edmundo Madeira - UNICAMP, BR
- Thomas Magedanz - FHG, DE
- Fabio Porto - EPFL, CH
- Omer Rana - Cardiff University – UK
- Alessandro Ricci - UNIBO, IT
- Matei Ripeanu – UBC, CA
- Noemi Rodriguez - PUC-RJ, BR
- Stefan Tai - IBM T J Watson, US
- Francois Taiani - Lancaster Univ., UK
- Vanish Talwar - HP Labs, US
- Douglas Thain - UND, US
- Mary Thompson, Lawrence Berkeley Natl. Lab, US
- Srikumar Venugopal - U Melbourne, AU
- Viktor Yarmolenko – U Manchester, UK
- Von Welch – NCSA, US
- Carlos Westphall - UFSC, BR

### Workshop Co-Chairs:

- Bruno Schulze - LNCC, BR
- David Abramson - Monash Univ., AU
- Radha Nandkumar - NCSA, US
- Rajkumar Buyya - U Melbourne, AU

### Publicity Co-Chairs:

- Bikash Agarwalla - Gatech, US
- Antonio T A Gomes - LNCC, BR