

10th IEEE International Conference on Grid Computing (Grid 2009)

October 13-15, 2009, Banff, Alberta, Canada

CALL FOR PAPERS

www.grid2009.org

Grid computing enables the sharing of distributed computing and data resources such as processing, networking and storage capacity to create a cohesive resource environment for executing distributed applications in e-Science and businesses. The Grid conference series is an annual international meeting that brings together a community of researchers, developers, practitioners, and users involved with Grid technologies. The objective of the meeting is to serve as both the premier venue for presenting foremost research results in the area and as a forum for introducing and exploring new concepts. The conference will feature invited talks, pre-coordinated workshops and refereed paper presentations.

Grid 2009 welcomes paper and poster submissions on innovative work from researchers in academia, industry and government describing original research work in grid computing. Previous events in this series have been successful in attracting high quality papers and a wide international participation. Grid 2009 is hosted in Banff, Alberta, Canada at the world-famous Banff Centre (<http://www.banffcentre.ca/>).

SCOPE

Grid 2009 topics of interest include, but are not limited to:

- ***NEW*** Critical surveys or reflections on the past decade (or so) of grid and distributed computing
- ***NEW*** Virtualization (e.g. full hardware virtualization) and grid computing
- ***NEW*** Cloud computing (all aspects)
- Applications, including eScience and eBusiness Applications
- Architectures and Fabrics
- Autonomic and Utility Computing on Global Grids
- Cluster and Grid Integration
- Creation and Management of Virtual Enterprises and Organizations
- Distributed and Large-Scale Data Access and Management
- Scientific, Industrial and Social Implications
- Information Services
- Grid Economy and Business Models
- Metadata, Ontologies, and Provenance
- Middleware and Toolkits
- Monitoring, Management and Organization Tools
- Networking and Security
- Performance Measurement and Modeling
- Problem Solving Environments
- Programming Models, Tools and Environments
- QoS and SLA Negotiation
- Resource Management, Scheduling, and Runtime Environments

TECHNICAL PAPERS

Grid 2009 invites authors to submit original papers. Papers should be no more than 8 pages in length (including tables, figures, references, etc.) and be submitted as a PDF file. Submission implies the willingness of at least one of the authors to register and present the paper. A separate conference proceedings will be published and will also be a part of the IEEE Xplore and the CS digital library. For author instructions visit www.grid2009.org.

- PDF files only.
- Maximum 8 pages for Technical Papers, maximum 6 pages for Posters.
- Single-spaced
- 8.5x11-inch, Two-column numbered pages in IEEE Xplore format
- Format instructions are available at http://www.computer.org/portal/pages/cscpcs/cps/cps_forms.html and <ftp://pubftp.computer.org/Press/Outgoing/proceedings/>

Concerning the final camera-ready version: Maximum of 2 extra pages at \$100/page. Camera-ready means PDF file must comply with IEEE Xplore formatting and style for publication.

- Electronic Submission: Only web-based submission is accepted.
- The URL will be announced on the Grid 2009 web page.

IMPORTANT DATES

March 2, 2009 Technical Paper Submission Open

May 1, 2009* Technical Paper Submission Due (*deadline extended)

