



## Workshop on Grid-Enabling Applications Call for Papers

*This workshop is part of the SURA Cyberinfrastructure Workshop Series and delivered in collaboration with the Mardi Gras Conference 2008, Baton Rouge, LA. January 30, 2008*

[http://www.mardigrasconference.org/GEA\\_workshop.php](http://www.mardigrasconference.org/GEA_workshop.php)

### Important Dates

Submission: Oct 10, 2007

Notification: Nov 7, 2007

### Workshop Contact

Need more information or have questions? Send email to

[SG-Workshop@sura.org](mailto:SG-Workshop@sura.org).

### Program Committee

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### Scope

Grid Computing has emerged as the popular means for resource aggregation, consolidation, and virtualization and is widely used in the formation of virtual organizations for collaboration. One of the most perplexing aspects of Grid Computing, particularly to those who are new to Grid Computing, is how to execute an application on a Grid Computing platform taking full advantage of the distributed computing platform. There is not one standard approach and some who say that they have "grid-enabled" their application have simply run their application unchanged on a single site on a Grid Computing platform. Even if one uses Globus commands to run the application, this hardly advances computing much further than was possible decades ago through remote ssh access. True Grid enabling should take advantage of the distributed resources by using the resources collectively or by dynamically discovering resources. Approaches include using Grid service wrappers, tools such as Grid Application Toolkit (GAT), workflow editors, and library calls to Grid middleware APIs such as Commodity Toolkit (CoG).

The purpose of this workshop is to demystify "grid-enabling" by presenting state-of-the-art approaches and techniques from researchers who have successfully deployed applications on the grid. One of the goals of this workshop is to provide a forum to define "grid-enabling", discuss various approaches used for grid-enabling applications, and share experiences in developing and deploying applications on the Grid. This workshop is targeted towards university researchers and graduate students working on Grid Computing projects, industrial researchers and practitioners who are applying grid computing technology, and university educators who teach grid computing or plan to teach grid computing. A final report describing the outcomes of this workshop will be provided after the workshop to all participants.

### Submission Guidelines

Authors are invited to submit abstracts by completing the form at [http://www.mardigrasconference.org/GEA\\_workshop.php](http://www.mardigrasconference.org/GEA_workshop.php), and sending it via email to [SG-Workshop@sura.org](mailto:SG-Workshop@sura.org). Abstracts will be peer-reviewed and selected abstracts will have the option of submitting a complete paper that will appear in the conference proceedings. At least one of the authors of the accepted abstracts will be required to register for the workshop and make the presentation. Details about the paper and presentation format will be provided at the time of acceptance notification. Abstracts and final presentations will be made available through the workshop website.

This workshop is being presented as part of SURA IT Programs: SURA Cyberinfrastructure Workshop Series.