

Call for Papers

Workshop on Web Services-based Grid Applications

<http://pat.jpl.nasa.gov/public/WSGA/>

To be held in conjunction with the 2006 International Conference on Parallel Processing (ICPP 2006), August 14, 2006, Columbus, Ohio, USA

Based on the successful 2005 ICPP workshop "Workshop on Web And Grid Services for Scientific Data Analysis (WAGSSDA)", this workshop will continue the examination of how ideas from the Grid world are being transformed into a layer above Web Services by scientific researchers who are exploring these technologies to see if they can help satisfy their needs.

While the concepts of the Grid have had tremendous promise, thus far this promise has not been fully realized. On the other hand, simple web-based technologies have transformed Web pages in powerful and dynamic content, which are being further enhanced by emerging Web Services. Many feel that Web services-based applications may be the solution that will allow the Grid to realize its potential.

The goal of this workshop is to cross-fertilize the areas of Web service-based grid technologies and scientific applications. Topics of interest include, but are not limited to:

Topics of Interest

- Web services, including integrating emerging WS specifications such as WS-Notification, WS-Addressing, and the use of WS-RF or other emerging frameworks
- Security, including graduated authentication or the use of WS-Security
- Workflow enactment, choreography, and management
- Distributed data analysis and management
- Knowledge extraction and use
- Semantic technologies, including ontologies, the use of RDF, and other XML-based tools

Paper Submission Guidelines

- Formatted according to the IEEE standard double-column format with a font size 10 pt or larger
- Strictly limited to 8 pages in length
- Submissions should represent original research results.
- Include an abstract, five to ten keywords, and the corresponding author's e-mail address
- PDF format only
- E-Mail submissions only, to the co-chairs

Important Dates

Paper Submission:	17 February 2006
Author Notification:	3 April 2006
Final Manuscript:	1 May 2006

Co-Chairs

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