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Web Services Track

Call for Papers

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Submissions should present original reports of substantive new work and can be up to 10 pages in length. Papers should properly place the work within the field, cite related work, and clearly indicate the innovative aspects of the work and its contribution to the field. In addition to regular papers, we also solicit submissions of position papers articulating high-level architectural visions, describing challenging future directions, or critiquing current design wisdom.

Submissions due:
November 20, 2006

For further information:
<http://www2007.org>

Web Services form the architectural and technological basis for a broad range of today's service-oriented computing systems. Since Web Services first emerged, much has changed from the original goal of platform independent procedure calls via XML: standards have emerged, evolved and become deprecated; numerous architectural and practical lessons have been learned; and Web Services toolkits have evolved and become more sophisticated. Key non-functional requirements are now being addressed in the security, transaction, and reliability domains, while new application areas are emerging, including business process orchestration, grid computing and e-science.

As a result, Web Services technology has become a widely-used solution for intra- and inter-enterprise application integration, including e-commerce. However, improving and better utilizing the technology remains an active area of interest both in the research and industrial application arenas. The Web Services track is therefore aimed at researchers, developers, and architects of Web Services who are interested in the next-generation of systems that use these technologies. They are invited to share their experiences, results, and ideas, which may lead to a better understanding of the promise and reality of pervasive, Service-Oriented computing. The WWW2007 Web Services track is therefore soliciting papers which highlight contemporary and novel approaches in Web Services research and practice.

The relevant topics include, but are not restricted to, the following:

- Service contract and metadata
- Orchestration, choreography and composition of services
- Large scale XML data integration
- Dependability
- Security and privacy
- Tools and technologies for Web Services development, deployment and management
- Software methodologies for Service-Oriented Systems
- The impact of Web Services on enterprise systems
- Web Services performance
- Architectural styles for Web Services computing
- Application of Web Services technologies in areas including e-commerce, e-science and grid computing
- Impact of formal methods on Web Services