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<http://www2007.org>

In
cooperation
with



Web Engineering 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>

The World Wide Web has become a major delivery platform for a variety of complex and sophisticated enterprise applications in several domains. In addition to their inherent multifaceted functionality, these Web applications exhibit complex behavior and place some unique demands on their usability, performance, security and ability to grow and evolve.

However, a vast majority of these applications continue to be developed in an ad-hoc way, contributing to problems of usability, maintainability, quality and reliability. While Web development can benefit from established practices from other related disciplines, it has certain distinguishing characteristics that demand special considerations. In the recent years, there have been some developments towards addressing these problems and requirements. As an emerging discipline, Web Engineering actively promotes systematic, disciplined and quantifiable approaches towards successful development of high-quality, ubiquitously usable Web-based systems and applications.

The Web Engineering track aims to present new developments in this area. It covers processes, methodologies, systems design, architectures and lifecycle management of small, medium and large Web-based systems and applications. The track is also meant to be a forum to present illustrative case studies and best practices of Web application development.

The topics of interest include, but are not restricted to:

- Web application development processes and methodologies
- Collaborative Web application development
- Design models and methods
- OO Web development and component-based Web engineering
- Federated and cross-organizational Web applications
- Development of Web services-based applications
- Innovative applications in Web 2.0, AJAX, E4X and other new developments
- Web architectures and application frameworks
- Model-driven Web application development
- Reuse and integration
- Web design patterns and pattern mining
- Web content management
- Web personalization
- Adaptive Web applications
- Web quality and Web metrics
- Web usability and accessibility
- Testing and evaluation of Web systems and applications
- Deployment of Web applications
- Performance modeling, monitoring and evaluation
- Web project management
- Localization and internalization of Web applications
- Mobile Web application development
- Device independent Web delivery
- Case studies and best practices