SWINBURNE UNIVERSITY OF TECHNOLOGY

UNIVERSITÄT LEIPZIG

CALL FOR PAPERS – GSEM 2007

hosted by SABRE 2007
Leipzig, Germany, 24–26 Spemtember 2007

The 4th International Conference on

Grid Services Engineering and Management – GSEM 2007

University of Leipzig, Germany, 24 – 26 September 2007

http://www.ict.swin.edu.au/conferences/gsem2007

To be held in conjunction with the Conferences on Software Agents and Services for Business, Research, and E-Sciences (SABRE 2007)

The Grid has emerged as a global platform to support on-demand virtual organizations for coordinated sharing of distributed data, applications and processes. Service-orientation of the Grid also makes it a promising platform for seamless and dynamic development, integration and deployment of service-oriented applications. The application components can be discovered, composed and delivered within a Grid of services, which are loosely coupled to create dynamic business processes and agile applications spanning organizations and computing platforms. The technologies contributing to such Grids of services include Service-Oriented Computing, Agent Technology, Semantic Web, Grid Computing, Software Engineering, and Business Process Technology.

The GSEM 2007 conference aims at presenting and discussing the impact of the latest theoretical and practical results from the above-mentioned technological and research areas on the engineering and management of Grid services and service-oriented applications.

The conference provides a platform for bringing together researchers and practitioners from diverse fields and interests, and those looking for new business and research cooperation opportunities in the above areas. Building on the three successful predecessors in 2004, 2005, and 2006, GSEM 2007 takes place from September 24 to 26, 2007 in Leipzig in the context of SABRE 2007.

The topics of the conference include all areas related to grid service engineering and management, including but not limited to:

- Modelling, description and discovery of services on the Grid
- Deployment, packaging, and distribution of Grid services
- Grid service architectures, infrastructures and deployment environments
- Software engineering for Grid service creation, development, and generation
- Service provisioning and Quality of Service for Grid services
- Workflow planning and composition for Grid services
- Service level agreement negotiation and contracting
- Adaptive management, coordination, monitoring and control of Grid services and applications
- Formation and management of virtual organizations
- Intelligent services and Grid service agents
- Security, performance and reliability engineering in service Grids
- Testing and benchmarking of grid services
- Grid service business models and applications
- Standardization aspects

We invite original research papers, work-in-progress reports, and industrial experiences describing advances in the above areas that have not been published previously, nor already submitted to other conferences in parallel with this conference. Full papers must not exceed 15 pages and follow the author instructions of Springer-Verlag. All papers should be in PDF or PostScript format. The paper should have a cover page, which includes a 200-word abstract, a list of keywords, and author's e-mail address. Authors should submit a full paper via electronic submission available on the conference Web site. All papers submitted for GSEM'07 will be peer-reviewed and similarly to the previous years, accepted papers are planned to be published in a special proceedings by Springer Verlag. A selection of high quality papers will be invited to submit extended and enhanced versions of their papers to the upcoming special issue of a major international journal.

Important Dates
Submission of Papers: March 12, 2007
Notification: May 28, 2007
Final Version Due: June 15, 2007

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