



Adaptive Services Grid  
Integrated Project FP6-IST-004617  
www.asg-platform.org

NET.OBJECTDAYS 2005

## Call for Papers – GSEM '05

GRID SERVICES ENGINEERING AND MANAGEMENT  
hosted by Net.ObjectDays 2005  
Erfurt, Germany, 19-22 September 2005

# Enabling Services Grid

The 2nd International Conference on  
**GRID SERVICES ENGINEERING AND MANAGEMENT - GSEM'05**  
Erfurt, Germany, 19-22 September 2005  
<http://www.ict.swin.edu.au/conferences/gsem2005>

To be held in conjunction with the 6th International Conference Net.ObjectDays 2005 (NODE'05)  
<http://www.netobjectdays.org>

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, Semantic Web, Grid Computing, Software Engineering, Business Process Technology, and Agent Technology.

The GSEM'05 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 aims at bringing together researchers and practitioners from diverse fields and interests, including Web Services, Semantic Web, Grid infrastructures, software components, workflow, intelligent agents and negotiation technologies, service management, and those looking for new business and research cooperation opportunities in the area of Grid services and service-oriented applications.

The topics of the conference include all areas of grid service engineering and management, 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'05 will be peer-reviewed and similarly to the previous GSEM'04 the accepted papers are planned to be published in a special proceedings by Springer Verlag, Lecture Notes in Computer Science (LNCS). 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: April 24, 2005

Notification: June 3, 2005

Final Version Due: June 24, 2005

### Conference Chairs

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