International Journal of

Web and Grid Services

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Scope of the Journal

ISSN: 1741-1106 (Print), ISSN: 1741-1114 (Online)

Web services are providing declarative interfaces to services offered by systems on the Internet, including messaging protocols, standard interfaces, directory services, as well as security layers, for efficient/effective business application integration. Grid computing has emerged as a global platform to support organisations for coordinated sharing of distributed data, applications, and processes. It has also started to leverage web services to define standard interfaces for business services. IJWGS addresses web and grid service technology, emphasising issues of architecture, implementation, and standardisation.

Topics covered include:

- Web services modelling, performance
- Web Service frameworks, architectures, infrastructures
- Web semantics
- Web Services specification, discovery, security, quality
- Workflow planning/composition for grid services
- Software/reliability engineering
- Security for grid services
- Business semantics, metadata, ontologies in grids

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Web and Grid Services

- Grid service compatibility/integration/ interoperability/policy/agents
- Intelligent services
- Grid service business models/applications
- Grid services/infrastructures, performance, testing, benchmarking
- · Web services, semantic web
- Agent technology, web services/agents in grid infrastructure
- Grid convergence, confluence of serviceoriented architectures

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