International Journal of Semantic and Infrastructure Services

www.inderscience.com/ijsis
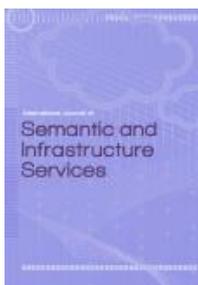
Calls for Papers for Inaugural Issue

We invite you to submit your articles for the inaugural issue of the *International Journal of Semantic and Infrastructure Services* (*IJSIS*).

IJSIS proposes and fosters discussion on the evolution of semantic approaches in enhancing computing infrastructure to manage big data sets which are being gathered by researchers on a daily basis. This perspective acknowledges the complexity of the future computing environment as an interface between data semantics and infrastructure services over different data-infrastructure scales as well as the reflexive characteristics of computing systems.

Topics covered include:

- Big data and its management
- Data integration and interoperability
- Semantic web technologies and formalisms for data
- Language processing techniques/principles for building/maintaining ontologies
- Scientific workflows and data cloud
- Semantic image analysis
- Ontologies and semantic web tools
- Ontology representation and exchange languages
- Ontology-assisted extraction and information retrieval from text collections
- Web 2.0 and Web 3.0 applications
- Novel architectural models for high performance and cloud computing
- New parallel/concurrent programming models for high performance applications
- Data security, privacy and jurisdiction of applications in the cloud
- Interoperability between different utility computing platforms
- Semantics in platforms and software as a service

A few essentials for publishing in this journal:

- Submitted articles should not have been previously published or be currently under consideration for publication elsewhere.
- Conference papers may only be submitted if the paper has been completely re-written (taken to mean more than 50%) and the author has cleared any necessary permissions with the copyright owner if it has been previously copyrighted.
- All our articles are refereed through a double-blind process.
- All authors must declare they have read and agreed to the content of the submitted article. A full statement of our Ethical Guidelines for Authors (PDF) is available at http://www.inderscience.com/www/authorethics.pdf.

Submission process:

- All articles for this journal must be submitted using our online submissions system.
- Read our Submitting Articles page: http://www.inderscience.com/info/inauthors/author_submit.php.

Submission deadline: *31 October, 2014*