

## CALL FOR PAPERS

### 3rd International Workshop on Semantic Web and Databases (SWDB'06)

<http://lsdis.cs.uga.edu/swdb06/>

In conjunction with the  
22nd International Conference on Data Engineering (ICDE'06)  
April 3-7, 2006, Atlanta, GA, USA

<http://icde06.cc.gatech.edu/>

#### General Information

The Semantic Web is a key initiative being promoted by the W3C as the next generation of the current Web. The objective of this workshop is to discuss database and Web information system applications that use semantics and to gain insight into the evolution of semantic Web technology. In particular, this workshop will try to address how ontologies and semantics can help in building better databases and Web information systems. Furthermore evolving semantic information systems still lack adequate indexing, query processing and optimization, and benchmarking techniques. The experiences in building semi-structured (e.g. XML) and distributed databases can help in developing better techniques for storing and querying large-scale ontologies and meta-data repositories. Thus, SWDB'06 workshop aims to promote a dialogue among semantic Web and database communities with a common goal of building better and more efficient Web information systems.

#### Topics

We encourage submissions on:

- research, focusing on foundational or technological aspects
- experience, describing industrial aspects

Topics of interest include, but are not limited to:

- Management of large scale ontologies
- Ontology-driven information systems
- Semantic interoperability
- Ontology-driven knowledge discovery
- Meta-data extraction and annotation
- Meta-data and ontology quality
- Benchmarks and evaluation
- Semantic search of large document collections
- Semantic multimedia information systems
- Query algebras for combined data and metadata queries
- Storage, querying, and integration of semantic Web services
- Semantic Web applications (prototypes, pilots, deployed) based on XML, RDF, OWL or various variants (RDF and OWL are W3C (World Wide Web Consortium) recommendations and recently being adopted by the industry as well) including:
  - Personal information management,
  - Bio-informatics and life sciences,
  - Geographic information systems,
  - Enterprise data integration etc.

## Paper Submission

We invite the submission of short (up to four pages) and long papers (up to eight pages). The papers MUST be formatted according to standard IEEE format (style files are available at [www.ieee.org/organizations/pubs/transactions/information.htm](http://www.ieee.org/organizations/pubs/transactions/information.htm)). The papers have to present original, English-language research contributions not concurrently submitted elsewhere and must be submitted electronically. The paper abstract should contain title, author name(s), and keywords. For the submission details please check the workshop Web site: <http://lsdis.cs.uga.edu/swdb06/>.

## Important Dates

Paper submission:	November 1, 2005 (Extended to Nov. 8th)
Paper notification:	December 20, 2005
Camera-ready papers:	January 15, 2006
Workshop Date:	April 2 or 8, 2006

## Committees

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