

RR 2008

**The Second International Conference on
Web Reasoning and Rule Systems**

www.rr-conference.org/RR2008

Karlsruhe, Germany, October 31 - November 2, 2008

Call for Papers - DEADLINE EXTENDED

The International Conference on Web Reasoning and Rule Systems (RR) aims to be the major forum for discussion and dissemination of new results concerning Web Reasoning and Rule Systems. RR 2008 builds on the success of The First International Conference on Web Reasoning and Rule Systems RR 2007 (<http://www.wrrs.info>), which received enthusiastic support from the Web Rules community. In 2008, RR will continue the excellence of the new series and aim to attract the best Web Reasoning and Rules researchers from all over the world.

The reasoning landscape features theoretical areas such as knowledge representation (KR) and algorithms; design aspects of rule markup; design of ontology languages; engineering of engines, translators, and other tools; efficiency considerations and benchmarking; standardization efforts, such as the Rules Interchange Format activity at W3C; and applications. Of particular interest is also the use of rules to facilitate ontology modeling, and the relationships and possible interactions between rules and ontology languages like RDF and OWL, as well as ontology reasoning related to RDF and OWL, or querying with SPARQL. Suggested topics include the following, which is not to be considered as an exhaustive list:

- Acquisition of rules and ontologies by knowledge extraction
- Combining open and closed-world reasoning
- Combining rules and ontologies
- Design and analysis of reasoning languages
- Efficiency and benchmarking
- Implemented tools and systems
- Standardization
- Ontology usability
- Ontology languages and their relationships
- Querying and optimization
- Rules and ontology management (such as inconsistency handling and evolution)
- Reasoning with uncertainty and under inconsistency
- Reasoning with constraints
- Rule languages and systems
- Rule interchange formats and rule markup languages
- Scalability vs. expressivity of reasoning on the web
- Semantic Web Services modeling and applications
- Web and Semantic Web applications

Location: The conference is co-located with ISWC 2008 (<http://iswc2008.semanticweb.org/>), the International Semantic Web Conference.

Submission Details: RR 2008 welcomes original research and application papers dealing with web reasoning and rule systems, with particular attention to the topics listed above. Submitted papers are limited in length to fifteen (15) pages, including title, abstract, and list of references, and should be formatted according to the Springer LNCS style (see <http://www.springer.com/comp/lncs/Authors.html>). Submitted papers must be in PDF format. The full paper submission must be preceded by the submission of an abstract. Accepted papers will be published by Springer Verlag in the LNCS series. The best papers may also be considered for publication in a prestigious international journal. Submission is via EasyChair, at <http://www.easychair.org/conferences/?conf=rr2008>

Papers may be accepted as:

- full papers (15 pages in the proceedings)
- short papers (8 pages in the proceedings)
- posters (2 pages in the proceedings)

Important dates:

Abstract submission: ~~June 14~~, June 21, 2008
Paper submission: ~~June 21~~, June 28, 2008
Acceptance decisions: July 21, 2008
Camera-ready due: August 15, 2008

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