Call for Papers

International Workshop on
Ontology Alignment and Visualization – OnAV'08

http://www.ifs.tuwien.ac.at/~mlanzenberger/OnAV08

March 4 – 7, 2008, Barcelona, Spain, Polytechnic University of Catalonia
In conjunction with the International Conference on Complex, Intelligent and Software Intensive Systems

Scope

Ontologies represent a shared meaning of domain knowledge and act as enabler for many applications such as data integration, agent communication, peer-to-peer systems, e-commerce, and semantic web services. With an increase in the development of ontologies comes the need for tools and techniques for solving heterogeneity problems among different ontologies.

Currently, we cannot guarantee that the results from ontology alignment algorithms will always be accurate. In general, a user interacting with an ontology alignment tool, must check the candidate alignments produced by the tool, indicate which ones are correct and which ones are not, and create additional matches that the tool may have missed. This is a difficult task, especially when dealing with large, complex ontologies.

Target Group

This workshop aims at providing a place of discussion for researchers interested in the field of ontology alignment and ontology visualization in order to analyze current shortcomings, identify users' needs and future research challenges, present exciting ideas, and find new solutions for effective and qualitative data integration in the semantic web.

Researchers interested in discussing new techniques for understanding and presenting ontology alignment results are encouraged to participate. This also includes researchers with a general interest in ontology visualization techniques.

Topics

Topics of interest include (but are not limited to):

- Ontology Alignment
- Ontology Mapping
- Automated and Human-mediated Tasks of the Alignment Process
- User Interfaces for Ontology Alignment
- Visual Metaphors in Alignment
- Ontology Visualization
- User-specific and Task-oriented Ontology Alignment
- Definition and Manipulation of Alignment Targets
- Ontology Adaptation
- Quality in Ontology Alignment and Mapping
- Alignment Meta-Data
- Alignment Vocabularies
- Standardization of Alignment Data
- Industry applications of ontology alignment
- Navigation in Alignment and Information Spaces
- Similarity Measures for Ontology Alignment
- Relatedness of Ontologies

Important Dates

Submission Deadline: **November 20, 2007**   [**EXTENDED ! **]
Author Notification: December 10, 2007
Author Registration: December 20, 2007
Proceedings Version: January 02, 2008
Workshop Dates: **March 4 – 7, 2008**

Submission Guidelines & Publication

The papers should be prepared using the IEEE CS format, two columns layout, single-spaced, 10-point, and using page numbers. The length should not exceed 6 pages (including figures and tables). For submission the paper should not contain the names of the authors or any references that may point to them as the authors of the paper. The papers should be submitted electronically via CISIS'08 website. If there is any problem with the electronic submission, please contact Monika Lanzenberger.

IEEE Computer Society Proceedings Author Guidelines are available here:
http://www.computer.org/portal/pages/cscps/cps/cps_forms.html

For Instructions for LaTeX users see
ftp://pubftp.computer.org/press/outgoing/proceedings/IEEE_CS_Latex.zip

Submitted papers will be carefully evaluated based on originality, significance to workshop topics, technical soundness, clarity, and presentation quality. Each submission will receive at least three double-blind reviews. Proceedings of the workshop will be published by IEEE Computer Society Press. The best papers presented at the workshop will be selected for publication in an international journal.

Workshop Co-Chairs

Monika Lanzenberger   *Vienna University of Technology, Austria*
Jennifer Sampson   *NICTA (National ICT Australia), Australia*

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