

Workshop on Ontology Patterns - WOP2009

This workshop provides an arena for proposing and discussing good practices, patterns, pattern-based ontologies, systems etc. The aim is to broaden the pattern community that will develop its own “language” for discussing and describing relevant problems and their solutions. The workshop will be held in conjunction with ISWC2009 on October 25th. It will be a full-day workshop consisting of three parts; papers, posters, and “pattern writing” sessions.

Important dates

- Submission deadline
- August 9
- Notification of acceptance
- September 7
- Workshop date
- October 25

Call for Papers

The main aim of the workshop is to discuss and collect best practices. Papers will be published in the online CEUR-workshop proceedings. Original research papers and poster papers are invited to consider the following (non exhaustive) list of topics:

- Good practices of ontology design
- Good practices for hybridization of semantic web and NLP techniques
- Software patterns for semantic web applications
- Ontology design patterns (ODPs) and pattern-based ontology design
- Tools and applications for pattern-based knowledge engineering
- Collaborative ontology design and collaboration patterns
- Pattern-based ontology evaluation and selection
- Correspondence patterns for ontology matching and integration
- Automatic ontology construction (ontology learning) based on patterns
- Lexico-syntactic patterns
- Reasoning patterns
- Web semantics from a pattern perspective
- Patterns of semantic social networks, semantic wikis, semantic blogs
- Contextual reasoning and patterns as context
- Knowledge patterns and knowledge re-engineering based on patterns
- Re-engineering patterns for conceptual models, folksonomies, lexicons, thesauri
- Pattern-based information extraction
- Processes and services - process patterns
- Problem solving methods and patterns
- Quality evaluation of patterns
- Benefits of ontology patterns and knowledge patterns

Call for Patterns

Ontology design patterns will be submitted and reviewed at ontologydesignpatterns.org, including the assignment of an advisor for each accepted pattern submission. Accepted patterns will be discussed in the workshop and an extended abstract will be included in the online proceedings. For WOP2009 we invite patterns of the following types: Content ODPs, Structural ODPs, and Correspondence ODPs.

Information and Submission

For more information, submission instructions and a complete list of PC members please visit the WOP website <http://ontologydesignpatterns.org/wiki/WOP2009:Main>

WOP2009 Chairs

Papers - Kurt Sandkuhl, Jönköping University(SE)

Posters - Vojtech Svatek, University of Economics(CZ)

Patterns - Eva Blomqvist, ISTC-CNR(IT) and Francois Scharffe, INRIA(FR)

Steering Committee

Eva Blomqvist, ISTC-CNR (IT), Aldo Gangemi, ISTC-CNR (IT), Valentina Presutti, ISTC-CNR (IT), Alan Rector, University of Manchester (UK), Francois Scharffe, INRIA (FR), Steffen Staab, University of Koblenz(DE), Chris Welty, IBM Watson Research Center(US)