
OTM 2005 Workshop on Ontologies, Semantics and E-Learning 03/11/2005 (WOSE)

BACKGROUND

Ontologies define precisely and formally the semantics of objects and their inter-relationships for a specific application domain. As ontologies enable semantic interoperability between information systems, they are a central notion for the Semantic Web. The application domain for this workshop is (e-)learning. Indeed, many kinds of software and content components, platforms and legacy systems for e-learning exist, commercial and freeware. The challenge is to make this large variety of components interoperable, so that an open, global infrastructure for learning can be tailored to the needs of learners, trainers and teachers. Already, some learning technology standards have XML and/or RDF bindings, which makes them suitable for processing with semantic web technology.

This workshop, in Agia Napa, Cyprus, will be held in conjunction with the [OTM conference](#) during one day (*03/11/2005*) of the main conference. The working language is English.

OBJECTIVES

The aim of this workshop is to bring together researchers (from academia and industry) and practitioners and to discuss views on how (future) learning systems will realize interoperability by means of semantics embodied in ontologies, and how this interoperability will benefit the end users. Regular papers as well as shorter position papers may be presented. A selection of position papers will constitute the starting point for a panel discussion on ontology interoperability for e-learning applications with a specific focus on novel opportunities.

The workshop will be organised in a way to highly stimulate interaction amongst the participants. To this aim, an important part of each regular time slot will be reserved for a discussion.

TOPICS

The main topic of the workshop will thus be a combination of learning and ontologies or – stated in another way – interoperability of learning applications through formal definitions of the semantics involved.

Specific topics addressed by the workshop are:

- Improving interoperability of e-learning systems by means of ontologies,
- Development and integration of learning ontologies (tools and methods),
- (Collaborative) modeling methodologies for e-learning ontologies,
- Binding learning technology standards to semantic web languages and technologies,

- Case studies showing improved learner experience thanks to semantic web technology,
- Methods and tools to create annotated and re-usable learning objects.

In addition, this year we strongly encourage submissions around the topics of:

- “context”, e.g. opposing the context of modelling vs. the context of usage as context related issues often determine to a large extent the success of learning applications.
- a flexible framework of learning objects components to enable semantic interoperability of meta-data (learning objects, users, activities, etc.-)

SUBMISSIONS

Two kinds of submissions are possible: regular papers reporting on original work (up to 10 pages) and position papers (up to 5 pages). Submit your paper via the cyberchair web page <http://www.cs.rmit.edu.au/fedconf/wose/2005/papers> Submissions may be handed in in Postscript, PDF or MS Word format. Use the appropriate LNCS style from the Springer site. Author instructions can be found at: <http://www.springer.de/co/lncs/authors.html>

PROCEEDINGS

Accepted workshop contributions will be published by *Springer-Verlag* as LNCS (Lecture Notes in Computer Science) as a part of the workshop proceedings of the 2005 International On The Move Federated Conferences (OTM). Registering to the OTM conference and WOSE workshop is prerequisite for the paper to be published.

Failure to commit to presentation at the conference automatically excludes a paper from the proceedings!

IMPORTANT DATES

<i>Deadline for expression of interest (abstract)</i>	<i>June 24th, 2005</i>
<i>Deadline for submission:</i>	<i>June 24th, 2005</i>
Notification of acceptance:	July 29 th , 2005
Camera-ready paper due:	August 20 th , 2005
OTM'05:	October 31 st - November 4 th , 2005
WOSE'05:	November 3 rd , 2005

PROGRAM COMMITTEE

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CONTACT

The official web site URL: <http://www.cs.rmit.edu.au/fedconf/wose2005cfp.html>

The workshop web site URL: <http://www.starlab.vub.ac.be/events/OTM05WOSE> .

The official submission page: <http://www.cs.rmit.edu.au/fedconf/wose/2005/papers>

WORKSHOP ORGANISERS

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