

## The 2nd International Workshop on Semantics meets HR

The OOA is an international not-for-profit organization bringing together industry, government, and research leaders and innovators concerned with ontology development, use, and education. The principal mission of the OOA is to develop strategies for ontology recommendation and standardization, and thereby promote the ontology technology to industry. The OOA focuses mainly on content rather than on technology. The OOA is a KnowledgeWeb initiative, a European-funded network of excellence and the world's largest coordinated research effort on Semantic Web Technology and on ontology in particular.

OnToHR'07, as part of the Human Capital & Social Innovation Technology Summit, aims at addressing the issue of ontologies in the field of human resource management.

The event comprises:

- **ePortfolio 2007** The International ePortfolio Conference (5th edition)
- **HR-XML 2007** The HR-XML Consortium Europe Annual Conference (3rd edition)
- **DIM 2007** Identity & Privacy 2007 conference (1st edition)
- **OOA 2007** Semantics meets HR (2nd edition)
- **EU Projects workshops:**
  - TENcompetence [www.tencompetence.org](http://www.tencompetence.org)
  - Prolix [www.prolixproject.org](http://www.prolixproject.org)
- **Exhibition** on leading technologies in the field of human capital and social innovation (17-19 October).

### Call for contributions

The human resources (HR) and employment community perceives an urgent need to integrate semantics into its applications for recruiting, developing, assessing, and rewarding employees in a life-long learning perspective. Despite access to a wide range of technologies such as CV analysis, job matching, digital identities, and ePortfolios, one of the main limits to the full exploitation of current and future technologies is the lack of system

interoperability, both at the data and the semantic level.

Current understanding of the problem is fragmented and only partial solutions exist. How HR applications could benefit from research and development in the field of semantics has not been well understood as the HR community is not familiar with this field of research, and the ontology community does not yet see the opportunities offered by the HR community, and is not always aware of its requirements and specificities.

This workshop aims to bring together the main stakeholders to discuss and reach a common understanding of the most critical issues that need to be resolved in the world of employment, and the potential solutions that semantics could provide. In particular, we seek contributions (presentations and demonstrations) that address but are not limited to:

- Semantics in competence modelling frameworks
- Ontology-based job matching
- Employability-Portfolio Semantics
- Semantics of digital identities
- Semantic interoperability in HR applications
- Upper level HR concepts
- HR Ontologies
- Social networking for employability
- Semantics of HR-XML
- Semantic metadata for HR applications
- Semantics in learning technologies
- Modelling and representation of: jobs, cvs, competencies, skills, employees, people, organizations, social events, etc.
- Multilinguality in human resources ontologies
- Best practice and semantic patterns in ontology modelling and evaluation.



## **Types of sessions**

We welcome presentations and demos about past and planned solutions that discuss the above aspects, especially:

- (A) Positions presenting opinions on some aspect of ontology practice, or describing work that is still in progress, but sufficiently mature to warrant attention.
- (B) Business experience and use cases specifying requirements, challenges, or opportunities of modelling and applying ontologies in HR applications.
- (C) Demonstration of a tool or application.
- (D) Theoretical solutions, but with a clear illustration on how these solutions can be applied in industry.

If you would like to run your own event, e.g. workshop or tutorial, please send your proposals to the organiser - special fees might apply. Proposals for these events should be written in a style attractive to potential participants indicating clearly the topic, objectives, preferred date, duration, and background knowledge expected of the participants, experience of the presenters as well as one or more abstracts.

## **Organisation committee**

- Mustafa Jarrar, Ontology-Advisory.org
- Andreas Schmidt, FZI
- Claude Ostin, IEEE-LTSC
- Luk Vervenne, HR-XML

## **Steering Committee**

- Michael Brown, Skillsnet Enterprises, USA
- Clementina Marinoni, Fondazione Politecnico di Milano, Italy
- Francky Trichet, LINA - University of Nantes, France
- Serge Ravet, EIFEL
- Marc Van Coillie, EIFEL
- Lyndon Nixon, Free University Berlin
- Marco Ronchetti, University of Trento, Italy
- Diana Maynard, University of Sheffield, UK
- Robert Meersman, STARLab, Vrije Universiteit Brussel, Belgium
- Keith Baker, University of Reading, UK
- Ernesto Damiani, University of Milan, Italy
- Margarita Perez, Menon network, Belgium
- Christophe Roche, University of Savoie, France
- Aldo Gangemi, Laboratory for Applied Ontology, ISTC-CNR, Rome, Italy
- Theo Mensen, CWI, The Netherlands
- Stefan Decker, DERI Galway, Ireland

## **Conference Location**

The venue, MECC (Maastricht Exhibition Conference Centre, <http://www.mecc.nl>), is located within the city of Maastricht, which is easily accessible by train (Thalys), plane (Aachen, Brussels or Eindhoven) and car.

## **Important Dates**

- August 10, 2007 – Abstracts submission
- 15 August 2007 – Acceptance Notification
- 20 August 2007 – Author registration deadline
- 3 September 2007 – Deadline for camera ready papers
- 15-19 October – HCSIT Summit

## **Submission guidelines**

Format of submissions

- An abstract of the technical content to be demonstrated, not to exceed one page, including title, authors, full contact information, references and acknowledgements.
- A detailed description of hardware and software requirements expected to be provided by the local organizer.

All abstracts and presentation material will be published at the workshop website.

The submitted papers should be written in English and be formatted according to the conference template <http://events.eife-l.org/ep2007/call/template/>.

Contributions must be uploaded through the conference management portal:  
[www.conftool.net/ep2007/](http://www.conftool.net/ep2007/)

More information at [events.eife-l.org/HCSIT2007](http://events.eife-l.org/HCSIT2007)