

## Preface

As in the previous editions, ONTOSE 2009 once again is a discussion platform for all kinds of aspects on Ontologies, Service Sciences, Information Systems and Software Engineering. The ONTOSE 2009 proceedings reflect this open discourse and hence contain contributions on various aspects of the above mentioned research areas. We received 20 full papers. These 20 papers underwent a full peer review and finally 9 full papers and 5 short papers were selected for publishing. Particularly, the reader will find the following topics in the proceedings.

The Service Science discipline applied to the Software Engineering domain is described in a work that tries to build a bridge between service models and software process models. Another contribution covers ontological support of services in e-government and the public domain. In order to better describe Web Service semantics, conceptual vector spaces are introduced in a paper.

Aspects of processes and software processes are considered in contributions which give a formal definition of the term "Process", combine the capturing of process conceptions with an interview framework and use semantic rules to define software and systems process engineering constraints.

There are also research results which focus on the quality of the software product. One paper explains a model driven architectural approach to transform ontology axioms to information processing rules. Another provides an ontology for software tests.

Three contributions describe ontology applications namely: an ontology for classification of crowds at concerts, ontologies as context information for personalized search with mobile devices and agent based search for enterprise applications respectively.

Two papers address the maintenance of ontologies and a solution for better ontology integration. Last but not least an essay clarifies what identity of objects and things over time means.

The generation of these proceedings with all these interesting research results was possible since many people supported the workshop. We would like to thank the authors for their interesting contributions, the reviewers for their substantial reviews and the CAiSE Workshop Chairs Paul Johannesson and Eric Dubois who supported the process.

Amsterdam, June 2009

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