

4th International Workshop on Value Modeling and Business Ontologies

Amsterdam, Dec 21-22, 2009

**Special Theme:
“Ontological Foundations of Service Science”**



The importance of modeling the essence of enterprises on a level that abstracts from business process details is increasingly recognized. Two recognized approaches are value modeling and REA. The REA (Resources, Events and Agents) model originating from the accounting domain is maturing to a conceptual framework and ontology for Enterprise Architectures in general. Value modeling is a business modeling approach that focuses on the value objects exchanged in business networks and that is supported by the e3-value tool set.

The goals of this VMBO workshop are to bring together researchers with an interest in value modeling, REA systems, or related approaches, in order to present and discuss the current state of business modeling and to identify key areas for further research. This year, a major part of the program will be devoted exclusively on discussing the ontological foundations of service science from both a business and a software engineering perspective.

If you are interested in joining, please submit a short paper (maximum of four pages) describing your main ideas. We encourage you to focus on the ideas in progress for which you would like to get feedback from other workshop participants.

Note that submitted papers will be reviewed only marginally. The program committee will use the papers to put together a final program; the aim is to accommodate all relevant papers. If necessary, a selection will be made in such a way that an overall good balance is achieved. Depending on the contributions, we may organize a special issue in a recognized journal.

Program Committee

Geert Poels (chair)
Jaap Gordijn
Pavel Hruby
Bill McCarthy
Erik Proper
Roel Wieringa

Hans Weigand (chair)
Nicola Guarino
Paul Johannesson
Michael Petit
Yao-Hua Tan

Topics of interest include

- * Ontology-driven enterprise system development
- * Ontology-based business modeling
- * Conceptual modeling patterns founded on business ontologies
- * Reference modeling using business ontologies
- * Business ontology and Model-Driven Architecture
- * Business rules modeling and policy management using business ontologies
- * Business ontology as an internal control framework
- * Ontology-based/semantic business process management
- * Service-oriented business architecture
- * Ontology-aware enterprise systems
- * Goal-modeling versus business modeling
- * Business ontology supporting model or system interoperability
- * Enterprise modeling for strategy exploration
- * Profitability analysis of value constellations
- * Value modeling fundamentals
- * Value modeling applications
- * Service-oriented enterprises
- * Service ontologies

Important dates

Nov 15, 2009 Paper submission deadline
Nov 30, 2009 Notification of acceptance
Dec 7, 2009 Registration deadline
Dec 21-22, 2009 VMBO Workshop, Amsterdam

How to submit

Send your short paper preferably in PDF format and following the (Proceedings) style of Springer LNCS by email to H.Weigand@uvt.nl or Geert.Poels@UGent.be

Local organization

Jaap Gordijn, Elly Lammers, VU Amsterdam www.vu.nl
Sponsoring by research school SIKS www.siks.nl



Relevant links

E3value: www.e3value.com
REA: <https://www.msu.edu/~mccarth4/> <http://reatechnology.com/>
ISTC-CNR : www.loa-cnr.it
Previous VMBO workshop : <http://vmbo.blogs.dsv.su.se/>