



Applied Ontology

An Interdisciplinary Journal of Ontological
Analysis and Conceptual Modeling

www.applied-ontology.org

Aims and Scope

Applied Ontology focuses on information *content* in its broadest sense. As the subtitle makes clear, two broad kinds of content-based research activities are envisioned: *ontological analysis* and *conceptual modeling*. The former includes any attempt to investigate the nature and structure of a domain of interest using rigorous philosophical or logical tools; the latter concerns the cognitive and linguistic structures we use to model the world, as well as the various analysis tools and methodologies we adopt for producing useful computational models, such as information systems schemes or knowledge structures.

Applied Ontology is the first journal with explicit and exclusive focus on ontological analysis and conceptual modeling under an interdisciplinary view. It aims to establish a unique niche in the realm of scientific journals by carefully avoiding unnecessary duplication with discipline-oriented journals. The journal publishes papers focusing on representation languages or algorithms only where these address relevant content issues, whether at the level of practical application or of theoretical understanding. Similarly, it will publish descriptions of tools or implemented systems only where a contribution to the practice of ontological analysis and conceptual modeling is clearly established.

Editors-in-Chief

Nicola Guarino
Laboratory for Applied Ontology (LOA), ISTC-CNR
Institute for Cognitive Sciences and Technologies
National Research Council
Via alla Cascata, 56/C
38100 Povo (Trento)
Italy
Tel.: +39 0461 314 871
Fax: +39 0461 435 344
Email: guarino@loa-cnr.it

Mark A. Musen
Stanford University
Stanford Center for Biomedical Informatics
Research
251 Campus Drive, MSOB X-215
Stanford, CA 94305-5479
USA
Tel.: +1 650 725 3390
Email: musen@stanford.edu

Assistant Editor

Roberta Ferrario
Institute for Cognitive Sciences and Technologies
National Research Council
Via alla Cascata, 56/C
38100 Povo (Trento)
Italy
Tel.: +39 0461 314841
Email: ferrario@loa-cnr.it

Editorial Board

Hans Akkermans, Bill Andersen, Nathalie Aussenac-Gilles, John A. Bateman, Brandon Bennett, Olivier Bodenreider, Joost Breuker, Roberto Casati, Christopher G. Chute, Anthony G. Cohn, Robert M. Colomb, John Domingue, Martin Dörr, Carola Eschenbach, Christiane Fellbaum, Antony Galton, Aldo Gangemi, Peter Gärdenfors, Yolanda Gil, Michael Gruninger, Udo Hahn, Heinrich Herre, Werner Kuhn, Doug B. Lenat, David M. Mark, Claudio Masolo, Chris Menzel, Richihiro Mizoguchi, John Mylopoulos, Natasha Noy, Leo Obrst, Maria Teresa Pazienza, Massimo Poesio, James Pustejovsky, Alan Rector, Guus Schreiber, Nigel Shadbolt, Yuval Shahar, Amit P. Sheth, Barry Smith, Dagobert Sörgel, John F. Sowa, Veda Storey, Michael F. Uschold, Achille Varzi, Laure Vieu, Yair Wand, Chris A. Welty.

Call for Papers

All correspondence concerning editorial matters as well as information regarding submissions should be sent to the Assistant Editor. Authors are requested to submit their article electronically via the website www.applied-ontology.org.

Subscription Information

Applied Ontology (ISSN 1570-5838) will be published in 1 volume of 4 issues in 2010 (Volume 5). Institutional subscription (print and online): €463 / US\$640 (including postage and handling). Institutional subscription (online only): €425 / US\$585.

Recent Contents

Volume 4, Number 3-4 (2009)

A core ontology for requirements - *I.J. Jureta, J. Mylopoulos and S. Faulkner*
DOI 10.3233/AO-2009-0069

A proposal to evaluate ontology content - *M. Barcellos Almeida*
DOI 10.3233/AO-2009-0070

A taxonomy of collective phenomena - *Z. Wood and A. Galton*
DOI 10.3233/AO-2009-0071

Volume 4, Number 2 (2009)

The water falls but the waterfall does not fall: New perspectives on objects, processes and events - *A. Galton and R. Mizoguchi*
DOI 10.3233/AO-2009-0067

Logical properties of foundational mereogeometrical relations in bio-ontologies - *T. Bittner*
DOI 10.3233/AO-2009-0065

Ontological representation of tactile information for software development - *E.V. Myrghioti, V.G. Chouvardas and A.N. Miliou*
DOI 10.3233/AO-2009-0068

✕ Order Form

Please complete this form and send it to your usual supplier or to one of the addresses on the left

IOS Press

Nieuwe Hemweg 6B
1013 BG Amsterdam
The Netherlands
Fax: +31 20 687 0039
Email: market@iospress.nl
URL: www.iospress.nl

IOS Press c/o Accucoms US, Inc. For North America Sales and Customer Service

West Point Commons
Suite 201
Lansdale PA 19446
USA
Tel.: +1 866 855 8967
Fax: +1 215 660 5042
Email: iospress@accucoms.com

- Please enter my 2010 subscription to *Applied Ontology*
 Institutional subscription (print and online): €463 / US\$640 (including postage and handling)
 Institutional subscription (online only): €425 / US\$585

Please bill me

Please charge my credit card

Amer. Express Euro/Master Visa
Exp. Date: Security Code:
Card no.:

Name:

Address:

City/Zipcode:

Fax:

Date:

Country:

VAT no.:

Signature:

IOS
Press

*Check our website for a free electronic sample copy of *Applied Ontology**