

Publications

Books

Paul Buitelaar, Philipp Cimiano (Eds.) *Ontology Learning and Population: Bridging the Gap between Text and Knowledge* Frontiers in Artificial Intelligence and Applications Series, Vol. 167, IOS Press, Feb. 2008.

Bianca Falcidieno, Michaela Spagnuolo, Yannis Avrithis, Yiannis Kompatsiaris, Paul Buitelaar (Eds.) *SAMT 2007: 2nd International Conference on Semantics And digital Media Technologies* Lecture Notes in Computer Science, Vol. 4816, Springer, Dec. 2007.

Paul Buitelaar, Philipp Cimiano, Bernardo Magnini (Eds.) *Ontology Learning from Text: Methods, Evaluation and Applications* Frontiers in Artificial Intelligence and Applications Series, Vol. 123, IOS Press, July 2005.

Book Chapters

Yoshihiko Hayashi, Thierry Declerck, Nicoletta Calzolari, Monica Monachini, Claudia Soria, Paul Buitelaar (2011) *Language Service Ontology* In: Toru Ishida, Donghui Lin (eds.) *The Language Grid: Service-Oriented Collective Intelligence for Language Resource Interoperability* Cognitive Technologies series, Springer Verlag. ISBN 978-3-642-21177-5

Paul Buitelaar (2010) *Ontology-based Semantic Lexicons: Mapping between Terms and Object Descriptions* In: Chu-Ren Huang, Nicoletta Calzolari, Aldo Gangemi, Alessandro Oltramari, Alessandro Lenci, Laurent Prevot (eds.) *Ontology and the Lexicon: A Natural Language Processing Perspective* Cambridge Studies in Natural Language Processing, Cambridge University Press. ISBN-13: 9780521886598

Philipp Cimiano, Johanna Voelker, Paul Buitelaar (2010) *Ontology Construction* In: Nitin Indurkha (ed.) *Handbook of Natural Language Processing*. CRC Press, ISBN: 9781420085921

Daniel Sonntag, Pinar Wennerberg, Paul Buitelaar, Sonja Zillner (2009) *Pillars of Ontology Treatment in the Medical Domain* In: Yannis Kalfoglou (ed.) *Cases on Semantic Interoperability for Information Systems Integration: Practices and Applications*. Information Science Reference, IGI Global, ISBN: 978-1-60566-894-9

Nils Reiter, Paul Buitelaar (2009) *Lexical Enrichment of Biomedical Ontologies* In: Violaine Prince and Mathieu Roche (eds.) *Information Retrieval in Biomedicine: Natural Language Processing for Knowledge Integration*. Medical Information Science Reference, IGI Global. ISBN: 978-1-60566-274-9

Manuel Mueller, Michael Sintek, Paul Buitelaar, Saikat Mukherjee, Xiang Sean Zhou, Joerg Freund (2008) *Scalable Medical Image Understanding by Fusing Cross-Modal Object Recognition with Formal Domain Semantics* In: A. Fred, J. Filipe, and H. Gamboa (Eds.): *BIOSTEC 2008*, CCIS 25, pp. 390-401. Springer, Berlin Heidelberg

Paul Buitelaar, Bernardo Magnini, Carlo Strapparava, Piek Vossen (2006) *Domain-Specific Word Sense Disambiguation* In: Eneko Agirre and Phil Edmonds (eds.) *Word Sense Disambiguation: Algorithms and Applications*, pp. 275-298, Springer, Berlin Heidelberg

Graham Wilcock, Paul Buitelaar, Antonio Pareja-Lora, Barrett Bryant, Jimmy Lin, Nancy Ide (2004) *The Roles of Natural Language and XML in the Semantic Web* In: Chu-Ren Huang and Winfried Lenders (eds.) *Computational Linguistics and Beyond: Perspectives at the Beginning of the 21st Century*, Frontiers in Linguistics Series, Academia Sinica, Taiwan

Paul Buitelaar and Thierry Declerck (2003) *Linguistic Annotation for the Semantic Web* In: Siegfried Handschuh and Steffen Staab (eds.) *Annotation for the Semantic Web*, Frontiers in Artificial Intelligence and Applications Series, Vol. 96, IOS Press, Amsterdam, the Netherlands

Paul Buitelaar (1998) *CoreLex: An Ontology of Systematic Polysemous Classes* In: Formal Ontology in Information Systems. Proceedings of FOIS'98, Trento, Italy, June 6-8, 1998. IOS Press, Amsterdam, the Netherlands

Anne-Marie Mineur, Paul Buitelaar (1996) *A Compositional Treatment of Polysemous Arguments in Categorical Grammar* In: Kees van Deemter and Stanley Peters (eds.) Semantic Ambiguity and Underspecification, CSLI, Chicago University Press

Book Chapters – to appear

Paul Buitelaar *Web Semantics* In: Klaus von Heusinger, Paul Portner and Claudia Maienborn (eds.) Handbook of Semantics, HSK series, Mouton de Gruyter

Journal Articles - published

Pinar Wennerberg, Klaus Schulz, Paul Buitelaar (2011) *Ontology modularization to improve semantic medical image annotation* Journal of Biomedical Informatics 44(1): 155-162

Philipp Cimiano, Paul Buitelaar, John McCrae, Michael Sintek (2011) *LexInfo: A declarative model for the lexicon-ontology interface* J. Web Sem. 9(1): 29-51

Philipp Cimiano, Elena Montiel-Ponsoda, Paul Buitelaar, Mauricio Espinoza, Asunción Gómez-Pérez (2010) *A Note on Ontology Localization* In: Journal of Applied Ontology, volume 5:2.

Paul Buitelaar, Philipp Cimiano, Anette Frank, Matthias Hartung, Stefania Racioppa (2008) *Ontology-based Information Extraction and Integration from Heterogeneous Data Sources* In: International Journal of Human Computer Studies, 66: 759-788.

Daniel Oberle, Anupriya Ankolekar, Pascal Hitzler, Philipp Cimiano, Michael Sintek, Malte Kiesel, Babak Mougouie, Stephan Baumann, Shankar Vembu, Massimo Romanelli, Paul Buitelaar, Ralf Engel, Daniel Sonntag, Norbert Reithinger, Berenike Loos, Hans-Peter Zorn, Vanessa Micelli, Robert Porzel, Christian Schmidt, Moritz Weiten, Felix Burkhardt, Jianshen Zhou (2007) *DOLCE ergo SUMO: On Foundational and Domain Models in SWIntO (SmartWeb Integrated Ontology)* In: Journal of Web Semantics: Science, Services and Agents on the World Wide Web 5, 156-174.

Paul Buitelaar (2005) *Book Review of: Mark Stevenson - Word Sense Disambiguation: Combining Knowledge Sources for Sense Resolution* In: Journal of Logic, Language and Information, Springer, Volume 14:2, 253-259.

Paul Buitelaar, Hans Uszkoreit (2004) *MuchMore: Concept-Based Cross-Lingual Information Retrieval in the Medical Domain* In: Kuenstliche Intelligenz, 2:04.

Diana Steffen, Bogdan Sacaleanu, Paul Buitelaar (2004) *Domain Specific Sense Disambiguation with Unsupervised Methods* In: Zeitschrift fuer Computerlinguistik und Sprachtechnologie (GLDV-Journal for Computational Linguistics and Language Technology), 19:1/2, 93-101.

Martin Volk, Baerbel Ripplinger, Spela Vintar, Paul Buitelaar, Diana Raileanu, Bogdan Sacaleanu (2002) *Semantic Annotation for Concept-Based Cross-Language Medical Information Retrieval* In: International Journal of Medical Informatics, Volume 67:1-3.

Journal Articles – accepted for publication

John McCrae, Guadalupe Aguado-de-Cea, Paul Buitelaar, Philipp Cimiano, Thierry Declerck, Asuncion Gomez-Perez, Jorge Gracia, Laura Hollink, Elena Montiel-Ponsoda, Dennis Spohr, Tobias Wunner *Interchanging lexical resources on the Semantic Web* Accepted for publication in: Language Resources and Evaluation

Jorge Gracia, Elena Montiel-Ponsoda, Philipp Cimiano, Asuncion Gómez-Pérez, Paul Buitelaar, John McCrae *Multilingualism and the Web of Data* Accepted for publication in: Journal of Web Semantics

Journal Articles – submitted

Georgeta Bordea, Paul Buitelaar *Improving Automatic Keyphrase Extraction with Domain Knowledge* Submitted for publication in: Language Resources and Evaluation

Susan Thomas, Sean O'Riain, Dennis Spohr, Tobias Wunner, Paul Buitelaar, Michael Dietrich *Towards cross-lingual business intelligence based on XBRL* Submitted for publication in: International Journal of Accounting Information Systems

Refereed Conference/Workshop Papers

Fergal Monaghan, Georgeta Bordea, Krystian Samp, Paul Buitelaar (2010) *Exploring Your Research: Sprinkling some Saffron on Semantic Web Dog Food* Semantic Web Challenge at the International Semantic Web Conference (ISWC), Shanghai, China

Georgeta Bordea, Paul Buitelaar (2010) *Expertise Mining* 21st National Conference on Artificial Intelligence and Cognitive Science, Galway, Ireland

Tobias Wunner, Paul Buitelaar, Sean O'Riain. (2010) *Semantic, Terminological and Linguistic Interpretation of XBRL* Workshop on Reuse and Adaptation of Ontologies and Terminologies workshop at the 17th International Conference on Knowledge Engineering and Knowledge Management (EKAW), Lisbon, Portugal

Behrang Qasemzadeh, Paul Buitelaar, Fergal Monaghan (2010) *Developing a Dataset for Technology Structure Mining* IEEE International Conference on Semantic Computing, Pittsburgh, USA

Georgeta Bordea, Paul Buitelaar. (2010) *DERIUNLP: A Context Based Approach to Automatic Keyphrase Extraction* 4th Workshop on Semantic Evaluation (SemEval) at ACL, Uppsala, Sweden

Hammad Afzal, Paul Buitelaar, Philipp Cimiano, John McCrae, Tobias Wunner (2010) *Generating Lexical Information for Terminology in a Bioinformatics Ontology* Terminology and Knowledge Engineering Conference, Dublin, Ireland

Paul Buitelaar, Thomas Eigner (2009) *Expertise Mining from Scientific Literature* 5th International Conference on Knowledge Capture, Redondo Beach, California, USA

Paul Buitelaar, Philipp Cimiano, Peter Haase, Michael Sintek (2009) *Towards Linguistically Grounded Ontologies* 6th European Semantic Web Conference (ESWC). Lecture Notes in Computer Science, Springer

Pinar Wennerberg, Manuel Moeller, Paul Buitelaar, Sonja Zillner (2009) *Ontology Based Clinical Query Extraction* AMIA Summit on Translational Bioinformatics.

Pinar Wennerberg, Sonja Zillner, Paul Buitelaar (2009) *Interactive Clinical Query Derivation and Evaluation* AAAI 2009 Spring Symposium on Technosocial Predictive Analytics

Anita de Waard, Paul Buitelaar, Thomas Eigner (2009) *Identifying the Epistemic Value of Discourse Segments in Biology Texts* International Workshop on Computational Semantics, Tilburg, the Netherlands

Thierry Declerck, Paul Buitelaar, Jan Nemrava, David Sadlier (2008) *Towards Cross-Media Feature Extraction* AAAI Fall Symposium on Multimedia Information Extraction, Arlington USA

Jan Nemrava, David Sadlier, Paul Buitelaar, Thierry Declerck (2008) *Text Mining Support in Semantic Annotation and Indexing of Multimedia Data* Demo Session at the AAAI Fall Symposium on Multimedia Information Extraction, Arlington USA

Pinar Wennerberg, Sonja Zillner, Manuel Moeller, Paul Buitelaar and Michael Sintek (2008) *KEMM: A Knowledge Engineering Methodology in the Medical Domain* 5th International Conference on Formal Ontology in Information Systems (FOIS), Saarbruecken, Germany

Paul Buitelaar and Thomas Eigner (2008) *Topic Extraction from Scientific Literature for Competency Management* PICKME workshop on Personal Identification and Collaborations: Knowledge Mediation and Extraction at the 7th International Semantic Web Conference, Karlsruhe, Germany

Hans Hjelm, Paul Buitelaar (2008) *Multilingual Evidence Improves Clustering-based Taxonomy Extraction* 18th European Conference on Artificial Intelligence (ECAI), Patras, Greece

Paul Buitelaar, Thierry Declerck, Jan Nemrava, David Sadlier (2008) *Cross-Media Semantic Indexing in the Soccer Domain* 6th Int. Workshop on Content-Based Multimedia Indexing (CBMI), London, UK

Paul Buitelaar, Pinar Oezden Wennerberg, Sonja Zillner (2008) *Statistical Term Profiling for Query Pattern Mining* BioNLP Workshop at ACL 2008, Columbus, Ohio, USA

Pinar Oezden Wennerberg, Paul Buitelaar, Sonja Zillner (2008) *Towards a Human Anatomy Data Set for Query Pattern Mining based on Wikipedia and Domain Semantic Resources* Workshop on Building and Evaluating Resources for Biomedical Text Mining at LREC, Marrakech, Morocco

Jan Nemrava, Paul Buitelaar, Vojtěch Svátek, Thierry Declerck (2008) *Text Mining Support for Semantic Indexing and Analysis of A/V Streams* OntoImage Workshop at LREC, Marrakech, Morocco

Paul Buitelaar, Thomas Eigner (2008) *Ontology Search with the OntoSelect Ontology Library* LREC, Marrakech, Morocco

Mario Crespo Miguel, Paul Buitelaar (2008) *Domain-Specific English-To-Spanish Translation of FrameNet* LREC 2008, Marrakech, Morocco

Yoshihiko Hayashi, Thierry Declerck, Paul Buitelaar, Monica Monachini (2008) *Ontologies for a Global Language Infrastructure* 1st International Conference on Global Interoperability for Language Resources, Hong Kong, China

Nils Reiter, Paul Buitelaar (2008) *Lexical Enrichment of a Human Anatomy Ontology using WordNet* Global WordNet Conference, Szeged, Hungary

Manuel Mueller, Michael Sintek, Paul Buitelaar, Saikat Mukherjee, Xiang Sean Zhou, Joerg Freund (2008) *Medical Image Understanding through the Integration of Cross-Modal Object Recognition with Formal Domain Knowledge* Healthinf 2008, Madeira, Portugal

Jan Nemrava, Paul Buitelaar, Thierry Declerck, Vojtech Svátek, Josef Petrák, Andreas Cobet, Herwig Zeiner, David A. Sadlier, Noel E. O'Connor, Nikos Simou, Vassilis Tzouvaras (2007) *An architecture for mining resources complementary to audio-visual streams* Knowledge Acquisition from Multimedia Content workshop at the International Conference on Semantics And digital Media Technologies (SAMT), Genova, Italy

Massimo Romanelli, Paul Buitelaar, Michael Sintek (2007) *Modeling Linguistic Facets of Multimedia Content for Semantic Annotation* International Conference on Semantics And digital Media Technologies (SAMT), Genova, Italy

Paul Buitelaar, Thomas Eigner (2007) *Evaluating Ontology Search* Evaluation of Ontologies and Ontology-based tools (EON) workshop at the International Semantic Web Conference, Busan, South-Korea

Philipp Cimiano, Peter Haase, Matthias Herold, Matthias Mantel, Paul Buitelaar (2007) *LexOnto: A Model for Ontology Lexicons for Ontology-based NLP* OntoLex workshop at the International Semantic Web Conference, Busan, South-Korea

Jan Nemrava, Paul Buitelaar, Vojtech Svátek, and Thierry Declerck (2007) *Event Alignment for Cross-Media Feature Extraction in the Football Domain* International Workshop on Image Analysis for Multimedia Interactive Services (WIAMIS), Santorini, Greece

Jan Nemrava, Vojtech Svátek, Milan Simunek, Paul Buitelaar (2007) *Mining over Football Match Data: Seeking Associations among Explicit and Implicit Events* Znalosti, Ostrava, Czech Republic

Nicolas Weber, Paul Buitelaar (2006) *Web-based Ontology Learning with ISOLDE* Workshop on Web Content Mining with Human Language at the International Semantic Web Conference, Athens Georgia, USA

Paul Buitelaar, Philipp Cimiano, Anette Frank, Stefania Racioppa (2006) *SOBA: SmartWeb Ontology-based Annotation* Demo Session at the International Semantic Web Conference, Athens GA, USA

Thierry Declerck, Paul Buitelaar, Manuel Alcantara, Martin Labski, Vojtech Svatek (2006) *Adding Semantic Metadata to Audio-Video Material by Automatic Analysis of Complementary Sources* International Conference on Visual Information Engineering, Bangalore, India

Paul Buitelaar, Michael Sintek, Malte Kiesel (2006) *A Lexicon Model for Multilingual/Multimedia Ontologies* 3rd European Semantic Web Conference, Budva, Montenegro

Paul Buitelaar, Thierry Declerck, Anette Frank, Stefania Racioppa, Malte Kiesel, Michael Sintek, Ralf Engel, Massimo Romanelli, Daniel Sonntag, Berenike Loos, Vanessa Micelli, Robert Porzel, Philipp Cimiano (2006) *LingInfo: Design and Applications of a Model for the Integration of Linguistic Information in Ontologies*. OntoLex Workshop at LREC, Genoa, Italy

Paul Buitelaar, Philipp Cimiano, Stefania Racioppa, Melanie Siegel (2006) *Ontology-based Information Extraction with SOBA* LREC, Genoa, Italy

Paul Buitelaar, Thomas Eigner, Greg Gulrajani, Alexander Schutz, Melanie Siegel, Nicolas Weber Philipp Cimiano, Guenter Ladwig, Matthias Mantel, Honggang Zhu (2006) *Generating and Visualizing a Soccer Knowledge Base* Demo Session at EACL, Trento, Italy

Alexander Schutz, Paul Buitelaar (2005) *RelExt: A Tool for Relation Extraction in Ontology Extension* 4th International Semantic Web Conference, Galway, Ireland

Paul Buitelaar, Michael Sintek and Malte Kiesel (2005) *Feature Representation for Cross-Lingual, Cross-Media Semantic Web Applications* Workshop on Knowledge Markup and Semantic Annotation (SemAnnot2005) at the International Semantic Web Conference, Galway, Ireland

Paul Buitelaar, Srikanth Ramaka (2005) *Unsupervised Ontology-based Semantic Tagging for Knowledge Markup* Workshop on Learning in Web Search at the International Conference on Machine Learning, Bonn, Germany

Paul Buitelaar, Thomas Eigner, Stefania Racioppa (2005) *Semantic Navigation with ViEWs In: Proc. of the Workshop on User Aspects of the Semantic Web* at the European Semantic Web Conference, Heraklion, Greece

Paul Buitelaar, Thomas Eigner, Thierry Declerck (2004) *OntoSelect: A Dynamic Ontology Library with Support for Ontology Selection* Demo Session at the International Semantic Web Conference, Hiroshima, Japan

Paul Buitelaar, Michael Sintek (2004) *OntoLT Version 1.0: Middleware for Ontology Extraction from Text* Demo Session at the International Semantic Web Conference, Hiroshima, Japan

Paul Buitelaar (2004) *OntoSelect: Towards the Integration of an Ontology Library, Ontology Selection and Knowledge Markup* Workshop on Knowledge Markup and Semantic Annotation (Semannot2004) at the International Semantic Web Conference, Hiroshima, Japan

Michael Sintek, Paul Buitelaar, Daniel Olejnik (2004) *A Formalization of Ontology Learning from Text* Workshop on Evaluation of Ontology-based Tools (EON) at the International Semantic Web Conference, Hiroshima, Japan

Peter Wittenburg, Daan Broeder, Paul Buitelaar (2004) *Towards Metadata Interoperability* 4th NLPXML Workshop at ACL, Barcelona, Spain

Paul Buitelaar, Daniel Olejnik, Mihaela Hutanu, Alexander Schutz, Thierry Declerck, Michael Sintek (2004) *Towards Ontology Engineering Based on Linguistic Analysis* LREC, Lissabon, Portugal

Paul Buitelaar, Diana Steffen, Martin Volk, Dominic Widdows, Bogdan Sacaleanu, Spela Vintar, Stanley Peters, Hans Uszkoreit (2004) *Evaluation Resources for Concept-based Cross-Lingual Information Retrieval in the Medical Domain* LREC, Lissabon, Portugal

Thierry Declerck, Paul Buitelaar, Nicoletta Calzolari, Alessandro Lenci (2004) *Towards a Language Infrastructure for the Semantic Web* LREC, Lissabon, Portugal

Walter Kasper, Joerg Steffen, Jakub Piskorski, Paul Buitelaar (2004) *Integrated Language Technologies for Multilingual Information Services in the MEMPHIS Project* LREC, Lissabon, Portugal

Paul Buitelaar, Daniel Olejnik, Michael Sintek (2004) *A Protege Plug-In for Ontology Extraction from Text Based on Linguistic Analysis* 1st European Semantic Web Symposium, Heraklion, Greece

Paul Buitelaar, Daniel Olejnik, Michael Sintek (2003) *OntoLT: A Protege Plug-In for Ontology Extraction from Text* Demo Session at the International Semantic Web Conference, Sanibel Island, Florida, USA

Paul Buitelaar, Thierry Declerck, Nicoletta Calzolari, Alessandro Lenci (2003) *Towards a Language Infrastructure for the Semantic Web* Workshop on Human Language Technology for the Semantic Web and Web Services at the International Semantic Web Conference, Sanibel Island, Florida, USA

Spela Vintar, Paul Buitelaar, Martin Volk (2003) *Semantic Relations in Concept-Based Cross-Language Medical Information Retrieval* ECML/PKDD Workshop on Adaptive Text Extraction and Mining, Cavtat-Dubrovnik, Croatia

Spela Vintar, Ljupčo Todorovski, Daniel Sonntag, Paul Buitelaar (2003) *Evaluating Context Features for Medical Relation Mining* ECML/PKDD Workshop on Data Mining and Text Mining for Bioinformatics, Cavtat-Dubrovnik, Croatia

Paul Buitelaar, Thierry Declerck, Nicoletta Calzolari, Alessandro Lenci (2003) *Language Resources and the Semantic Web* ELSNET/ENABLER workshop, Paris, France

Dominic Widdows, Stanley Peters, Scott Cederberg, Chiu-Ki Chan, Diana Steffen, Paul Buitelaar (2003) *Unsupervised Monolingual and Bilingual Word-Sense Disambiguation of Medical Documents using UMLS* Workshop on Natural Language Processing in Biomedicine at ACL, Sapporo, Japan

Paul Buitelaar, Thierry Declerck, Bogdan Sacaleanu, Spela Vintar, Diana Raileanu, Claudia Crispi (2003) *A Multi-Layered, XML-Based Approach to the Integration of Linguistic and Semantic Annotations* Workshop on Language Technology and the Semantic Web at EACL, Budapest, Hungary

Bogdan Sacaleanu, Martin Volk and Paul Buitelaar (2003) *A Cross-Language Document Retrieval System Based on Semantic Annotation* Demo Session at EACL, Budapest, Hungary

Martin Volk, Spela Vintar, Paul Buitelaar (2003) *Ontologies in Cross-Language Information Retrieval* Ontologie-basiertes Wissensmanagement Workshop at the 2nd Konferenz Professionelles Wissensmanagement - Erfahrungen und Visionen (WM2003), Luzern, Switzerland

Martin Volk, Paul Buitelaar (2002) *A Systematic Evaluation of Concept-based Cross Language Information Retrieval in the Medical Domain* 3rd Dutch-Belgian Information Retrieval Workshop, Leuven, Belgium

Spela Vintar, Paul Buitelaar, Baerbel Ripplinger, Bogdan Sacaleanu, Diana Raileanu, Detlef Prescher (2002) *An Efficient and Flexible Format for Linguistic and Semantic Annotation* LREC, Las Palmas, Canary Islands, Spain

Diana Raileanu, Paul Buitelaar, Joerg Bay, Spela Vintar (2002) *Evaluation Corpora for Sense Disambiguation in the Medical Domain* LREC, Las Palmas, Canary Islands, Spain

Baerbel Ripplinger, Spela Vintar, Paul Buitelaar (2002) *Cross-Lingual Information Retrieval through Semantic Annotation* Natural Language Processing in Biomedical Applications, Cyprus

Paul Buitelaar, Bogdan Sacaleanu (2002) *Extending Synsets with Medical Terms* 1st International WordNet Conference, Mysore, India

Paul Buitelaar, Jan Alexandersson, Tilman Jaeger, Stephan Lesch, Norbert Pflieger, Diana Raileanu, Tanja von den Berg, Kerstin Kloeckner, Holger Neis, Hubert Schlarb (2001) *An Unsupervised Semantic Tagger Applied to German* Recent Advances in NLP (RANLP), Tzigrav Chark, Bulgaria

Paul Buitelaar, Bogdan Sacaleanu (2001) *Ranking and Selecting Synsets by Domain Relevance* In: Workshop on WordNet and Other Lexical Resources: Applications, Extensions and Customizations at NAACL, Carnegie Mellon University, Pittsburgh

Paul Buitelaar (2000) *Reducing Lexical Semantic Complexity with Systematic Polysemous Classes and Underspecification* Workshop on Syntactic and Semantic Complexity in Natural Language Processing Systems at ANLP, Seattle, USA

Paul Buitelaar, Feiyu Xu, Klaus Netter (1998) *Integrating Different Strategies In Cross-Language Information retrieval in the MIETTA Project* TWLT14 , Enschede, the Netherlands

Paul Buitelaar (1998) *Specification and Underspecification in Lexical Semantic Processing for Information Extraction* Bad Teinach Workshop on Underspecification, Bad Teinach, Germany

Paul Buitelaar (1998) *The Acquisition of Defaults in Lexical Semantic Representations* Workshop on Lexical Semantic Systems, Pisa, Italy

Paul Buitelaar (1997) *A Lexicon for Underspecified Semantic Tagging* SIGLEX Workshop on Tagging text with Lexical Semantics: Why, What, and How? at ANLP, Washington D.C.

James Pustejovsky, Bran Boguraev, Marc Verhagen, Paul Buitelaar, Michael Johnston (1997) *Semantic Indexing and Typed Hyperlinking* AAAI Spring 1997 Workshop on Natural Language Processing for the World Wide Web, Palo Alto, California, USA

Johan Bos, Paul Buitelaar, Anne-Marie Mineur (1995) *Bridging as Coercive Accommodation* Workshop on Computational Logic for Natural Language Processing, Edinburgh, UK

Paul Buitelaar, Anne-Marie Mineur (1994) *Compositionality and Coercion in Categorical Grammar* 9th Amsterdam Colloquium, ILLC, Amsterdam, the Netherlands

Paul Buitelaar, Reind van de Riet (1992) *The Use of Lexicons to Interpret ER-diagrams: a LIKE project* Conference on the Entity-Relationship approach, Lecture Notes in Computer Science, Springer

Other Publications

CoreLex: Systematic Polysemy and Underspecification PhD Thesis, Computer Science Dept., Brandeis University, Waltham MA, USA, Feb. 1998, ISBN: 0-591-71766-2

Contributions to: Antonio Sanfilippo (ed.) *EAGLES LE3-4244 Preliminary Recommendations on Lexical Semantic Encoding*, Final Report, The EAGLES Lexicon Interest Group, February 1999

Patent

A method and an apparatus for processing semantic data resources - European patent registration, File number: 08010815.2, 2008