

Curriculum Vitae - Paul Buitelaar

January 2016

Summary

Personal Details

Full Name: Peter Paul Buitelaar
Date of Birth: September 23rd, 1963
Place of Birth: Rotterdam, the Netherlands
Nationality: Dutch
Languages: Dutch (native), English (fluent), German (fluent), Italian (beginner)
Education: PhD Computer Science; MA Computational Linguistics

Current Position

I am Senior Lecturer of Engineering and Informatics at the National University of Ireland, Galway (NUIG), and Vice-Director of the Insight Centre for Data Analytics at NUIG. I also lead the Insight/NUIG Unit for Natural Language Processing: <http://nlp.insight-centre.org/>

Research Interests

Natural Language Processing and semantics, specifically with applications in semantic-based approaches to text mining, data analytics and information access and search, in particular by use of Semantic Web and Linked Data technologies

Specific research interests: ontology-based information extraction, ontology learning, taxonomy extraction, term extraction, term translation, ontology translation, semantic similarity, entity linking, relation extraction, linguistic linked data, linked data profiling, emotion and sentiment analysis

I have supervised and examined a large number of postgraduate theses in these research topics, either as thesis supervisor or as external examiner (full details below).

Publications and Scientific Impact

Google Scholar profile: <http://scholar.google.com/citations?user=aDJBCh4AAAAJ&hl=en>

DBLP profile: <http://www.informatik.uni-trier.de/~ley/pers/hd/b/Buitelaar:Paul>

Publications: 158 Citations: 3943 h-index: 29 (Source: Google Scholar, January 2016)			
Books:	Journal Articles:	Book Chapters:	Refereed Conference/Workshop Papers:
5	15	14	124

My research and resulting publications initiated and/or contributed significantly to the scientific development of several Semantic Web and Linked Data research areas, in particular: ontology-based

information extraction, ontology learning, ontology search, Linguistic Linked Data, Multilingual Linked Data, Multilingual Semantic Web, Linked Data in emotion and sentiment analysis.

Industry Impact, Patents and Standardization

Industry application of my work has been in a wide variety of areas, including financial services, business intelligence, news and media, tourism, e-Commerce, eHealth and health care (see project details below). In recent years, our Saffron system (<http://saffron.insight-centre.org/>) for knowledge extraction has been used in particular in several industry settings, e.g. in current work with **Kennys** on taxonomy extraction for customer guidance in their online bookshop, with **Irish Times** on semantic indexing of their digital archive for improved use by readers and journalists, and with **HP** in the context of text classification for tender analysis. Also our work on semantic similarity has been exploited in an industry context with **Adoreboard** to improve their brand intelligence service.

I hold the following patent (with Siemens AG, Germany): *A method and an apparatus for processing semantic data resources* - European patent registration, File number: 08010815.2, 2008

My research has also contributed significantly to standardization efforts, in particular on the representation and exploitation of linguistic information in ontologies and Linked Data, i.e. as co-chair of the W3C Ontology-Lexica Community Group (<http://www.w3.org/community/ontolex/>), and as initiator and co-founder of the W3C Linked Data Models for Emotion and Sentiment Analysis Community Group (<http://www.w3.org/community/sentiment/>).

Research Funding Acquisition

I put a strong emphasis on the acquisition of research funding, in order to sustain the research efforts of my team. A specific emphasis is on EU funding, besides national and industry funding.

Since joining DERI/Insight in 2009 I have acquired funding for a total of more than M€4 as follows:

EU Funding €1,664,057	National Funding €1,579,886	Industry Funding €897,287
MixedEmotions (coordinator, PI) 2015 - 2017 €523,750 (M€3 overall budget)	Insight (co-PI) 2013 - 2019 €785,337	HP Enterprise, Galway (PI) 2015 €308,044
IV&L (COST action, PI) 2014 - 2018 Travel funding	CARS (PI) 2014 - 2015 €99,963	Irish Times (PI) 2014 - 2015 €299,489
LIDER (PI) 2013 - 2015 €115,760	NLP4DHEI (PI) 2014 €6,000	HP Galway (PI) 2014 €12,000
EuroSentiment (PI) 2012 – 2014 €281,200	Lion-2 (co-PI) 2008 – 2013 €688,586	AdoreBoard (PI) 2014 €10,000

<p>PARSEME (COST action, PI)</p> <p>2013 - 2017</p> <p>Travel funding</p>		<p>GRCTC (co-PI)</p> <p>2014 – 2015</p> <p>€255,254</p>
<p>PROMISE (PI)</p> <p>2012 - 2013</p> <p>€140,720</p>		<p>Saffron Market Study (PI)</p> <p>2012</p> <p>€14,500</p>
<p>MUMIA (COST action, PI)</p> <p>2011 - 2014</p> <p>Travel funding</p>		
<p>Net2 (co-coordinator, co-PI)</p> <p>Travel funding</p>		
<p>Monnet (coordinator, PI)</p> <p>2010 – 2013</p> <p>€590,627</p>		

Education & Appointments

University Education

- 1992-1998: **PhD in Computer Science**, Dept. of Computer Science, Brandeis University, Waltham, USA
CoreLex: Systematic Polysemy and Underspecification
- 1986-1990: **MA in Computational Linguistics (equivalent)**, Dept. of Linguistics, University of Utrecht, the Netherlands
Disambiguation with Lexical Knowledge in a Natural Language Interface to Databases
- 1983-1986: Dept. of German Language and Literature, University of Leiden, the Netherlands

Appointments

Since May 2015 I am appointed as **Senior Lecturer of Engineering and Informatics** at the National University of Ireland, Galway (NUIG), and **Vice-Director** of the Insight Centre for Data Analytics at NUIG.

Since March 2013 I am appointed as **Professor Extraordinarius** at the School of Interdisciplinary Research and Graduate Studies of the University of South-Africa (UNISA). In this capacity I am involved in PhD supervision at UNISA.

From January 2009 until April 2015 I have been a **Senior Research Fellow** at the Digital Enterprise Research Institute (DERI), later incorporated in the Insight Centre for Data Analytics at NUIG.

In these capacities I have been and currently am involved with the following projects:

- Since Dec 2015 (Funded Investigator 2013-2015): Co-PI of the Science Foundation Ireland funded [Insight Centre for Data Analytics](#), leading the Research Stream on Linked Data, including work packages on Linked Data and Text Mining, Linked Data Infrastructure, and Linked Data in eHealth
- Since November 2015: PI on Enterprise Ireland funded Innovation Partnership with HP Enterprise, Galway
- Since April 2015: PI and consortium coordinator of the EU H2020 project MixedEmotions, leading an international and interdisciplinary consortium of four academic and five commercial organizations on the design, implementation and use of a Linked Data based platform for cross-lingual, cross-media emotion and sentiment analysis
- June 2014 – October 2015: PI on Enterprise Ireland funded Innovation Partnership with [Irish Times](#)
- November – December 2014: PI on industry project with HP, Galway
- April – June 2014: PI on industry project with [Adoreboard](#)
- April – November 2014: PI on Irish Research Council ‘New Foundations’ grant for setting up a network on [Natural Language Processing for Digital Humanities in Ireland](#)
- Since March 2014: Management Committee member of the EU COST action [iV&L Net: Combining Computer Vision and Language Processing For Advanced Search, Retrieval, Annotation and Description of Visual Data](#)

- Since February 2014: co-PI and Work Package lead on text mining for financial ontology development and exploitation of the Enterprise Ireland funded [GRCTC: Governance, Risk and Compliance Technology Centre](#)
- January 2014 – December 2014: PI of the Science Foundation Ireland funded project CARS: Content Analysis for Recommender Systems (Multi-source Personalization for E-commerce Using Customer Reviews and Linked Open Data)
- November 2013 – December 2015: PI on the EU FP7 Coordination and Support Action [LIDER: Linked Data as an enabler of cross-media and multilingual content analytics for enterprises across Europe](#)
- July 2013 – Dec 2015: Funded Investigator of the Science Foundation Ireland funded [INSIGHT Centre for Data Analytics](#), leading a Work Package on Linked Data and Text Mining
- Since March 2013: Management Committee member of the EU COST action [PARSEME: PARSing and Multi-word Expressions](#)
- September 2012 – August 2014: PI and Work Package lead on a semantically interoperable model for sentiment language resources in the EU FP7 project [EUROSENTIMENT: Language Resource Pool for Sentiment Analysis in European Languages](#)
- April 2012 – October 2013: PI and Work Package lead on text mining for the evaluation of research impact in the EU FP7 Network of Excellence [PROMISE: Participative Research labOratory for Multimedia and Multilingual Information Systems](#)
- Jan 2011 – March 2011: PI of the Enterprise Ireland funded feasibility study for the commercialization of [Saffron](#), our system for Knowledge Extraction from text
- November 2010 – October 2014: Management Committee member and Working Group leader on language resources for multilingual information access in the EU COST action [MUMIA: Multilingual and Multifaceted Interactive Information Access](#)
- July 2010 – June 2013: co-PI and Work Package lead on Natural Language Processing for Networked Knowledge in the EU Marie Curie funded research network [Net2: A Network for Networked Knowledge](#)
- March 2010 – February 2013: PI and consortium coordinator of the EU FP7 project [Monnet: Multilingual Ontologies for Networked Knowledge](#), leading an international and interdisciplinary consortium of four academic and three commercial organizations on research in ontology-based cross-lingual information access through ontology lexicalization, translation and population
- January 2009 – June 2013: co-PI of the Science Foundation Ireland funded project Lion-2 and Work Package lead on Natural Language Processing for the Semantic Web

From March 1998 to December 2008 I was appointed as **Senior Researcher** at the Language Technology Lab of the German Research Center for Artificial Intelligence (DFKI, <http://dfki.de>) in Saarbrücken, Germany. In this position I have been research manager in many projects as well as co-head of the Competence Centre Semantic Web. I have been involved in the following projects:

- August 2007 - December 2008: German national project ‘[Theseus-MEDICO](#): Towards Scalable Semantic Image Search in Medicine’ where I led research across several academic and commercial consortium partners on ontology-based text mining for medical image annotation and search (see paper in Journal of Biomedical Informatics 44(1) and patent below)
- Jan. 2006 – Dec. 2008: EU project ‘K-Space: Knowledge-based Multimedia Analysis’ where I led research across several academic consortium partners on a hybrid approach to video annotation in the sports domain using NLP, machine learning and ontologies
- April 2004 - October 2007: German national project ‘SmartWeb: Mobile Access to the Semantic Web’ where I led research across three academic and commercial consortium partners on ontology-based information extraction in the sports domain using a hybrid approach, combining ontologies, shallow NLP and statistical deep parsing (see IJHCS paper)
- January 2004 - December 2005: co-PI and project manager of the German national project VieWs (Connecting Information and Knowledge in saarland.de), funded by the Saarland Ministry of Economic Affairs, where I led research on web information extraction and automatic hyperlinking

- Jan. 2004 - Dec. 2004: senior researcher on the EU project ‘DIRECT-INFO: Media Monitoring and Multimodal Analysis’ where I contributed to research on ontology-based sports video analysis for sponsorship tracking
- July 2003 - May 2004: ‘MEMPHIS: Multilingual Content for Flexible Format Internet Services’ where I led research on ontology learning (see [OntoLT](#) application and associated publications)
- January 2002 - May 2004: originator and coordinator of the ‘Special Interest Group on Language Technology in Ontology Development and Use’ of the EU project OntoWeb where I led an interdisciplinary consortium of several academic and commercial partners
- July 2000 - June 2003: coordinator of the EU/NSF project [MuchMore: Multilingual Concept Hierarchies for Medical Information Organization and Retrieval](#) where I led a consortium of four European partners (academic and commercial) and two USA universities (Stanford, CMU) on research in cross-lingual semantic-driven information retrieval in the medical domain
- March 1998 – June 2000: senior researcher on the EU project ‘MIETTA: Multilingual Information Extraction for Tourism and Travel Assistance’, contributing to semantic-driven query expansion
- March 1998 – June 2000: senior researcher on the EU project ‘OLIVE: Speech Based Video Retrieval’, contributing to semantic-driven query expansion

From December 1990 to August 1992 I was a **Researcher** at the Department of Computer Science of the Free University in Amsterdam, the Netherlands. In this position I was a researcher in the Dutch national project ‘LIKE: Linguistic Instruments in Knowledge Engineering’ where I contributed research towards the integration of lexical resources and linguistic analysis in Computer Aided Software Engineering (CASE) tools.

Publications

Books

Paul Buitelaar and Philipp Cimiano (eds.) *Towards the Multilingual Semantic Web: Principles, Methods and Applications*. Springer, Dec. 2014. ISBN 978-3-662-43584-7

David Lamas, Paul Buitelaar (eds.) *Multidisciplinary Information Retrieval: 7th Information Retrieval Facility Conference*, Lecture Notes in Computer Science, Information Systems and Applications, incl. Internet/Web, and HCI, Vol. 8849, Springer, Oct. 2014. ISBN 978-3-319-12978-5

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. ISBN 978-1-58603-818-2

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. ISBN 978-3-540-77051-0

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. ISBN 978-1-58603-523-5

Journal Articles

Gianmaria Silvello, Georgeta Bordea, Toine Bogers, Paul Buitelaar (under submission, with revisions) *Semantic Representation and Enrichment of Information Retrieval Experimental Data*. International Journal on Digital Libraries.

John P. McCrae, Mihael Arcan, Kartik Asooja, Jorge Gracia, Paul Buitelaar, Philipp Cimiano (2015: available online) *Domain adaptation for ontology localization*. Journal of Web Semantics.

André Freitas, João Carlos Pereira da Silva, Edward Curry, Paul Buitelaar (2015) *Approximate and selective reasoning on knowledge graphs: A distributional semantics approach*. Data and Knowledge Engineering 100: 211-225.

Nicola Ferro, Richard Berendsen, Allan Hanbury, Mihai Lupu, Vivien Petras, Maarten de Rijke, Gianmaria Silvello, Maristella Agosti, Richard Berendsen, Toine Bogers, Martin Braschler, Paul Buitelaar, Khalid Choukri, Giorgio Maria Di Nunzio, Nicola Ferro, Pamela Forner, Allan Hanbury, Karin Friberg Heppin, Preben Hansen, Anni Järvelin, Birger Larsen, Mihai Lupu, Ivano Masiero, Henning Müller, Simone Peruzzo, Vivien Petras, Florina Piroi, Maarten de Rijke, Giuseppe Santucci, Gianmaria Silvello, Elaine Toms (2012) *PROMISE retreat report prospects and opportunities for information access evaluation* SIGIR Forum 46(2): 60-84.

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 (2012) *Interchanging lexical resources on the Semantic Web* Language Resources and Evaluation, 46(4), 701-719.

Hasti Ziaimatin, Tudor Groza, Georgeta Bordea, Paul Buitelaar and Jane Hunter (2012) *Expertise Profiling in Evolving Knowledge-curation Platforms* GSTF Journal on Computing, 2(3), Global Science and Technology Forum.

Jorge Gracia, Elena Montiel-Ponsoda, Philipp Cimiano, Asuncion Gómez-Pérez, Paul Buitelaar, John McCrae (2012) *Challenges for the multilingual Web of Data* Journal of Web Semantics, 11, 63–71

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* Journal of Web Semantics 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.

Book Chapters

Sapna Negi, Paul Buitelaar *Suggestion Mining from Social Media*. In: Federico Alberto Pozzi, Elisabetta Fersini, Enza Messina, Bing Liu (eds.) *Handbook of Sentiment Analysis in Social Networks*. Elsevier, to be published.

Carlos A. Iglesias, J. Fernando Sanchez-Rada, Gabi Vulcu, Paul Buitelaar *Linked Data Models for Sentiment and Emotion Analysis in Social Networks*. In: Federico Alberto Pozzi, Elisabetta Fersini, Enza Messina, Bing Liu (eds.) *Handbook of Sentiment Analysis in Social Networks*. Elsevier, to be published.

Philipp Cimiano, John McCrae, Paul Buitelaar, Elena Montiel-Ponsoda (2013) *On the Role of Senses in the Ontology-Lexicon* In: Oltramari, A.; Vossen, P.; Qin, L.; Hovy, E. (Eds.) *New trends of Research in Ontologies and Lexical Resources*, Series: Theory and Applications of Natural Language Processing, Springer, Hardcover. ISBN 978-3-642-31781-1

Paul Buitelaar (2012) *Web Semantics* In: Klaus von Heusinger, Paul Portner and Claudia Maienborn (eds.) *Semantics (Volume 3): An International Handbook of Natural Language Meaning*. Series: Handbücher zur Sprach- und Kommunikationswissenschaft / Handbooks of Linguistics and Communication Science, de Gruyter Mouton. ISBN 978-3-11-025338-2

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

Noel O'Connor, David Sadlier, Bart Lehane, Andrew Salway, Jan Nemrava and Paul Buitelaar (2011) *Multi-Modal Analysis for Content Structuring and Event Detection* In: Raphael Troncy, Benoit Huet, Simon Schenk (eds.) *Multimedia Semantics: Metadata, Analysis and Interaction* Wiley-Blackwell. ISBN: 978-0-470-74700-1

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

Refereed Conference and Workshop Papers

Sapna Negi and Paul Buitelaar. *Towards the Extraction of Customer to Customer Suggestions in Reviews*. Empirical Methods in Natural Language Processing (EMNLP), Lisbon, Portugal

Mihael Arcan, Marco Turchi and Paul Buitelaar (2015) *Knowledge Portability with Semantic Expansion of Ontology Labels*. Association for Computational Linguistics (ACL), Beijing, China

Nitish Aggarwal, Kartik Asooja, Georgeta Bordea and Paul Buitelaar (2015) *Non-Orthogonal Explicit Semantic Analysis*, 4th Joint Conference on Lexical and Computational Semantics (*SEM), co-located with NAACL 2015, Denver, Colorado, USA

Sapna Negi and Paul Buitelaar (2015) *Curse or Boon? Presence of Subjunctive Mood in Opinionated Text*. 11th International Conference on Computational Semantics (IWCS 2015), London, UK

Mihael Arcan, Kartik Asooja, Housam Ziad and Paul Buitelaar (2015) *OTTO — Ontology Translation System*, International Semantic Web Conference (ISWC), Bethlehem (PA), USA

Nitish Aggarwal, Kartik Asooja, Housam Ziad, and Paul Buitelaar (2015) *Who are the American Vegans related to Brad Pitt? Exploring Related Entities*, World Wide Web Conference (WWW 2015), Florence, Italy

Nitish Aggarwal, Peter Mika, Roi Blanco and Paul Buitelaar (2015). *Insights into Entity Recommendation in Web Search*, IESD workshop at The 14th International Semantic Web Conference, USA

Kartik Asooja, Georgeta Bordea, Gabriela Vulcu, Leona O'Brien, Angelina Espinoza, Elie Abi-Lahoud, Paul Buitelaar, and Tom Butler (2015). *Semantic Annotation of Finance Regulatory Text using Multilabel Classification*, LeDASWAn workshop 2015, co-located with ESWC 2015, Portorož, Slovenia

Georgeta Bordea, Paul Buitelaar, Stefano Faralli and Roberto Navigli (2015). *SemEval-2015 Task 17: Taxonomy Extraction Evaluation (TExEval)* SemEval 2015, co-located with NAACL HLT 2015, Denver, Colorado, USA

Nitish Aggarwal, Kartik Asooja and Paul Buitelaar (2015). *Distributional Semantics for Entity Relatedness* Advances in Distributional Semantics Workshop Co-located with 11th International Conference on Computational Semantics (IWCS) 2015, London, UK

Nitish Aggarwal, Peter Mika, Roi Blanco and Paul Buitelaar *Leveraging Wikipedia Knowledge for Entity Recommendations* (Poster) at The 14th International Semantic Web Conference (ISWC), USA

Nitish Aggarwal, Kartik Asooja, Jyoti Jha and Paul Buitelaar *Top-N Books Recommendation Using Wikipedia* (Poster) at The 14th International Semantic Web Conference (ISWC), USA

Nitish Aggarwal and Paul Buitelaar (2014) *Wikipedia-based Distributional Semantics for Entity Relatedness*. AAAI Fall Symposium. Washington, DC, United States.

Nitish Aggarwal, Kartik Asooja, Paul Buitelaar and Gabriela Vulcu (2014) *Is Brad Pitt Related to Backstreet Boys? Exploring Related Entities*. 13th International Semantic Web Conference, Semantic Web Challenge, 2014, Riva del Garda, Trentino, Italy.

J. Fernando Sánchez-Rada, Gabriela Vulcu, Carlos A. Iglesias and Paul Buitelaar (2014) *EUROSENTIMENT. Linked Data Sentiment Analysis*, 13th International Semantic Web Conference, Demo Session, Riva del Garda, Trentino, Italy

Mihael Arcan, Marco Turchi, Sara Tonelli, Paul Buitelaar (2014) *Enhancing Statistical Machine Translation with Bilingual Terminology in a CAT Environment*. 11th Biennial Conference of the Association for Machine Translation in the Americas (AMTA), Vancouver, BC, Canada.

Nitish Aggarwal, Kartik Asooja and Paul Buitelaar (2014) *Exploring ESA to Improve Word Relatedness*. 3rd Joint Conference on Lexical and Computational Semantics (*SEM), co-located with COLING 2014, Dublin, Ireland.

Nitish Aggarwal, Justin Tonra and Paul Buitelaar (2014). *Using Distributional Semantics to Trace Influence and Imitation in Romantic Orientalist Poetry*. AHA! Workshop on Information Discovery in Text, co-located with COLING 2014, Dublin, Ireland.

Mihael Arcan, Claudio Giuliano, Marco Turchi and Paul Buitelaar (2014). *Identification of Bilingual Terms from Monolingual Documents for Statistical Machine Translation*. 4th International Workshop on Computational Terminology (Computerm), co-located with COLING 2014, Dublin, Ireland.

Sapna Negi and Paul Buitelaar (2014). *INSIGHT_Galway: Syntactic and Lexical Features for Aspect Based Sentiment Analysis*. SemEval, co-located with COLING 2014, Dublin, Ireland.

Andre Freitas, João Carlos Pereira Da Silva, Edward Curry and Paul Buitelaar (2014) *A Distributional Semantics Approach for Selective Reasoning on Commonsense Graph Knowledge Bases*. 19th International Conference on the Application of Natural Language to Information Systems (NLDB), Montpellier, France.

Gabriela Vulcu, Raul Lario Monje, Mario Munoz, Paul Buitelaar, Carlos A. Iglesias (2014) *Linked-Data based Domain-Specific Sentiment Lexicons*. Linguistic Linked Data Challenge, co-located with 9th International Conference on Language Resources and Evaluation (LREC), Reykjavik, Iceland. – shared first prize award

Gabriela Vulcu, Paul Buitelaar, Sapna Negi, Bianca Pereira, Mihael Arcan, Barry Coughlan, J. Fernando Sanchez, Carlos A. Iglesias (2014) *Generating Linked-Data based Domain-Specific Sentiment Lexicons from Legacy Language and Semantic Resources* 5th International Workshop on EMOTION, SOCIAL SIGNALS, SENTIMENT & LINKED OPEN DATA, co-located with 9th International Conference on Language Resources and Evaluation (LREC), Reykjavik, Iceland

Friedel Wolff, Laurette Pretorius, Paul Buitelaar (2014) *Missed opportunities in translation memory matching*. 9th International Conference on Language Resources and Evaluation (LREC), Reykjavik, Iceland.

Georgeta Bordea, Barry Coughlan, Paul Buitelaar (2014) *Hot Topics and Schisms in NLP: Community and Trend Analysis with Saffron on ACL and LREC Proceedings* 9th International Conference on Language Resources and Evaluation (LREC), Reykjavik, Iceland

Georgeta Bordea, Paul Buitelaar, Tamara Polajnar (2013) *Domain-independent term extraction through domain modeling* 10th International Conference on Terminology and Artificial Intelligence (TIA 2013), Paris, France

Paul Buitelaar, Mihael Arcan, Carlos A. Iglesias, J. Fernando Sánchez, Carlo Strapparava (2013) *Linguistic Linked Data for Sentiment Analysis* 2nd Workshop on Linked Data in Linguistics: Representing and linking lexicons, terminologies and other language data. Collocated with the Conference on Generative Approaches to the Lexicon, Pisa, Italy

Georgeta Bordea, Toine Bogers, Paul Buitelaar (2013) *Benchmarking Domain-Specific Expert Search Using Workshop Program Committees* Workshop on Computational Scientometrics: Theory and Applications, at the 22nd ACM International Conference on Information and Knowledge Management (CIKM)

Mihael Arcan, Susan Marie Thomas, Derek De Brandt, Paul Buitelaar (2013) *Translating the FINREP taxonomy using a domain-specific corpus* The MT-summit, Nice, France.

Nitish Aggarwal, Tamara Polajnar, Paul Buitelaar (2013) *Cross-Lingual Natural Language Querying over the Web of Data* 18th International Conference on Application of Natural Language to Information Systems (NLDB), Salford, UK.

Sean O’Riain, Barry Coughlan, Paul Buitelaar, Thierry Declerk, Uli Krieger, Susan Marie-Thomas (2013) *Cross-lingual Querying and Comparison of Linked Financial and Business Data* 10th Extended Semantic Web Conference (ESWC), Montpellier, France. LNCS, Springer.

Bianca Pereira, Nitish Aggarwal, Paul Buitelaar (2013) *AELA: An Adaptive Entity Linking Approach* 22nd International World Wide Web Conference (WWW2013), Rio de Janeiro, Brazil. ACM.

Clare Hooper, Georgeta Bordea, Paul Buitelaar (2013) *Web Science and the Two (Hundred) Cultures: Representation of Disciplines Publishing in Web Science* ACM Web Science conference, Paris, France. ACM.

Tamara Polajnar, Nitish Aggarwal, Kartik Asooja, Paul Buitelaar (2013) *Improving ESA with Document Similarity* European Conference on Information Retrieval, Moscow, Russia.

Mihael Arcan and Paul Buitelaar (2013) *Ontology Label Translation* Student Research Workshop at NAAC, Atlanta, USA

Mihael Arcan, Christian Federmann, Paul Buitelaar (2012) *Experiments with Term Translation* 24th International Conference on Computational Linguistics (COLING), Mumbai, India.

Sean O’Riain, Edward Curry, Paul Buitelaar (2012) *Engaging Practitioners within Design Science Research: A Natural Language Processing Case Study*. European Design Science Symposium (EDSS). Intel Innovation Open Lab, Leixlip, Ireland.

Nitish Aggarwal, Kartik Asooja, Paul Buitelaar, Tamara Polajnar, Jorge Gracia (2012) *Cross-Lingual Linking of News Stories using ESA* Cross-Language Indian News Story Search (CL!NSS) at FIRE, Kolkata, India

Thierry Declerck, Paul Buitelaar (2012) *Ontologies as a Source for the Automatic Generation of Grammars for Information Extraction Systems* Workshop on Semantic Web and Information Extraction (SWAIE 2012), 18th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2012), Galway, Ireland

Nitish Aggarwal, Paul Buitelaar (2012) *Query Expansion using Wikipedia and DBpedia*. In The Cultural Heritage in CLEF (CHiC) Workshop at CLEF: Conference and Labs of the Evaluation Forum Information Access Evaluation meets Multilinguality, Multimodality, and Visual Analytics, Rome, Italy

Nitish Aggarwal, Kartik Asooja, Paul Buitelaar (2012) *DERI&UPM: Pushing Corpus Based Relatedness to Similarity: Shared Task System Description* SemEval at SEM, the First Joint Conference on Lexical and Computational Semantics, co-located with NAACL, Montreal, Canada

Nitish Aggarwal, Paul Buitelaar (2012) *A System Description of Natural Language Query over DBpedia* Interacting with Linked Data Workshop at the 9th Extended Semantic Web Conference (ESWC), Heraklion, Greece

Mihael Arcan, Christian Federmann, Paul Buitelaar (2012) *Using Domain-specific and Collaborative Resources for Term Translation* 6th Workshop on Syntax, Structure and Semantics in Statistical Translation (SSST-6), Jeju, South Korea

Georgeta Bordea, Sabrina Kirrane, Paul Buitelaar and Bianca Pereira (2012) *Expertise Mining for Enterprise Content Management*, 8th International Conference on Language Resources and Evaluation (LREC), Istanbul, Turkey

Behrang QasemiZadeh, Paul Buitelaar, Tianqi Chen and Georgeta Bordea (2012) *Semi-Supervised Technical Term Tagging With Minimal User Feedback*, 8th International Conference on Language Resources and Evaluation (LREC), Istanbul, Turkey

Paul Buitelaar, Philip Cimiano, John McCrae, Elena Montiel-Ponsada and Thierry Declerck (2011) *Ontology Lexicalisation: The lemon Perspective* Ontology and Lexicon: new insights, workshop at the 9th International Conference on Terminology and Artificial Intelligence (TIA), Paris, France

Nitish Aggarwal, Tobias Wunner, Mihael Arcan, Paul Buitelaar, Sean O'Riain (2011) *A Similarity Measure based on Semantic, Terminological and Linguistic Information* 6th International Workshop on Ontology Matching at the 10th International Semantic Web Conference (ISWC-2011) Bonn, Germany

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* Reuse and Adaptation of Ontologies and Terminologies, workshop at the 17th Int. Conf. on Knowledge Engineering and Knowledge Management (EKAW), Lisbon, Portugal

Behrang Qasemizadeh, 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 (TKE), Dublin, Ireland

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

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

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, 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 of 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 Svatek, 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 Svatek, 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 Svatek, 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), Tzigov 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

Evidence of External Reputation

Keynotes

Knowledge Extraction with Saffron: A Framework and Research Program - Keynote talk at the 11th Terminology and Artificial Intelligence conference (TIA 2015), November 2015, Granada, Spain

On Man-Machine Interoperability: Integration of Ontologies and Lexicons - Keynote talk at the 2nd International Conference on Global Interoperability for Language Resources, January 2010, Hong Kong

Ontology Learning: Where are we? And where are we going? - Keynote talk at ESOE: International Workshop on Emergent Semantics and Ontology Evolution, co-located with the 6th International Semantic Web Conference, November 2007, Busan, South-Korea

Ontologies in Semantic Annotation: Selection, Population, Lexicalisation - Keynote talk at SAAKM: Semantic Authoring, Annotation and Knowledge Markup Workshop, co-located with the 4th International Conference on Knowledge Capture (K-Cap), October 2007, Whistler, British Columbia, Canada

Text Mining Support in Semantic Metadata Extraction - Keynote talk at KW4ED: Workshop on Knowledge Management and Semantic Web for Engineering Design, co-located with the 4th International Conference on Knowledge Capture (K-Cap), October 2007, Whistler, British Columbia, Canada

On the Role of Natural Language Processing in a Data-Driven Approach to the Ontology Life-Cycle - Keynote talk at TALN 2007, the conference of the French association on Natural Language Processing (ATALA), June 2007, Toulouse, France

Harnessing the Semantic Web for Natural Language Processing - Keynote talk at the 7th International Workshop on Computational Semantics (IWCS-7), January 2007, Tilburg, the Netherlands

Ontology Learning and Population in SmartWeb - Keynote talk at the 3rd Philips Symposium on Intelligent Algorithms (SOIA), December 2006, Eindhoven, the Netherlands

Ontology Learning for Semantic Metadata Extraction - Keynote talk at the AIMS workshop on Natural Language Processing for Metadata Extraction (NLP4ME), September 2006, Varna, Bulgaria

Semantic Annotation in MuchMore - Keynote talk at CLIF (Computational Linguistics in Flanders), April 2003, Brussels, Belgium

Lexical Semantics in the Age of the Semantic Web - Keynote talk at the Conference of the Slovenian Society for Language Technologies, October 2002, Ljubljana, Slovenia

Invited Talks

Applications of Knowledge Extraction from Text with Saffron – DFKI GmbH (German Research Institute for Artificial Intelligence), December 2015, Saarbrücken, Germany

Text Mining with and for Linked Data – Workshop on Linked Data Applications for Research, School of Library and Information Science, Humboldt University Berlin, July 2014, Berlin, Germany

Computational Linguistics through the Years; with an introduction to ‘Saffron’ – Computational Linguistics Alumni at Koblenz University, July 2014, Koblenz, Germany

Language to Knowledge: Towards an Integrated Framework – Xerox Research Centre Europe (XRCE), December 2011, Grenoble, France

Ontology Lexicalisation – Institute for Applied Linguistics (IULA), Universitat Pompeu Fabra, January 2011, Barcelona, Spain

Ontology Lexicalisation – Copenhagen Symposium on Approaches to the Lexicon, December 2010, Copenhagen, Denmark

Finding, Linking and Organizing Resources with Linked Data & Natural Language Processing - Fondazione Bruno Kessler, November 2010, Trento, Italy

CoreLex: Systematic Polysemy, Underspecification and Coercion - Dipartimento Ingegneria e Scienza dell'Informazione, University of Trento, November 2010, Trento, Italy

Finding, Linking and Organizing Resources with Linked Data & Natural Language Processing - CATCH project meeting, October 2010, Rotterdam, the Netherlands

Ontologies and the Lexicon: Connecting World and Word Knowledge - School of Computer Science of the University of Manchester, March 2010, Manchester, UK

Expertise Mining from Scientific Literature - Semantic Computing Group, Bielefeld University, December 2009, Bielefeld, Germany

Ontologies and the Lexicon: Connecting World and Word Knowledge - Graduate Program Empirical Language Processing (Empirische Sprachverarbeitung), Ludwig-Maximilians-Universität, December 2009, Munich, Germany

Project Acquisition at DERI: The Monnet FP7 Project Proposal - UK Info Day for ICT Call 6, Enterprise Europe Scotland & Enterprise Ireland, November 2009, Edinburgh, UK

Ontologies and the Lexicon: Connecting World and Word Knowledge - FlareNet project meeting, September 2009, Pisa, Italy

Ontologies: Creating Stepping Stones in a Sea of Data - Theseus Symposium ST3, ST5 Joint Session on Applications and Benefits of Ontologies, June 2009, Berlin, Germany

Invited expert at the Semantic Data Integration Workshop of the LifeWatch project, May 2009, Amsterdam, the Netherlands

Ontology-based Information Extraction with SOBA - Department of Linguistics and Philology, Uppsala University, February 2009, Uppsala, Sweden

Ontology-based Information Extraction with SOBA - Workshop of the CATCH project at Naturalis, November 2008, Leiden, the Netherlands

Towards Query Pattern Mining in the Medical Domain - Center of Content and Knowledge Engineering at the Dept. of Information and Computing Sciences, Utrecht University, May 2008, Utrecht, the Netherlands

Ontologies & Text Mining (for Life Sciences) - Seminar on Text Mining and Ontologies for Life Sciences, March 2008, Dagstuhl, Germany

Ontology learning from Text - Backgrounds, State-of-the-Art and Challenges - Computational Linguistics Dept., University of Heidelberg, December 2007, Heidelberg, Germany

Towards Multilingual/Multimedia Ontologies and Cross-Media Analysis - Workshop of the X-Media project, July 2007, Karlsruhe, Germany

Language Technology in the Ontology Life-Cycle - Workshop of the LT4eL project, June 2007, Prague, Czech Republic

Tutorial on Ontology Learning - SIKS-ICS (Dutch Research School for Information and Knowledge systems) Seminar on the Semantic Web, April 2007, Utrecht, the Netherlands

Language Technology in the Ontology Lifecycle - Nancy NLP Seminar at LORIA, December 2006, Nancy, France

Language Technology in the Ontology Lifecycle - Computer Science Dept., Brandeis University, November 2006, Waltham MA, USA

Ontology Learning: Multilingual and Multimedia Aspects - EKAW Workshop on Ontology Evolution and Multimedia Information Extraction (BOEMIE), October 2006, Podebrady, Czech Republic

Tutorial on Ontology Learning - First International Conference on Knowledge Science, Engineering and Management (KSEM'06), August 2006, Guilin, China -- *canceled*

Ontology-driven Predicate Argument Structure Analysis for Event Annotation (with Anette Frank) - Workshop on Multilingual Semantic Annotation, June 2006, Saarbruecken, Germany

Ontology Learning from Text - European Bioinformatics Institute, May 2006, Hinxton, UK

Language Technology in the Ontology Lifecycle - Knowledge Media Institute, Open University, January 2006, Milton Keynes, UK

Human Language Technology for the Semantic Web - Seminars in Computing, National University of Ireland, Nov. 2005, Galway, Ireland

Language Technology in Knowledge Markup and Ontology Evolution - Seminar on Artificial Intelligence, June 2005, Luxembourg

Corpus-based Ontology Extension - Symposium on corpus applications in literary studies, linguistics and information technology, February 2005, Darmstadt, Germany

Position Paper on Machine Learning for the Semantic Web - Seminar on Machine Learning for the Semantic Web, February 2005, Dagstuhl, Germany

Towards the Integration of Ontologies and Semantic Lexicons - 2nd Workshop of the MEANING project, February 2005, Trento, Italy

Language Technology for the Semantic Web - Talks in Computational Linguistics, Stockholm University, September 2004, Stockholm, Sweden

Ontologies: Contributions from Language Technology - eJustice Dialogues, July 2004, Saarbruecken, Germany

Connecting Human Language Technology and Ontology Engineering - CNTS Colloquia, Univ. of Antwerpen, June 2004, Antwerpen, Belgium

OntoLT: Connecting Human Language Technology and Ontology Engineering - ILASH Half-day Workshop on Human Language Technologies for the Semantic Web, Univ. of Sheffield, March 2004, Sheffield, UK

Ontology Extraction from Text with OntoLT - DaimlerChrysler Workshop on Ontology Learning and Question Answering Tools from/for Large Text Collections, December 2003, Ulm, Germany

MuchMore: Multilingual Concept Hierarchies for Medical Information Organization and Retrieval - LangTech Conference, November 2003, Paris, France

Semantic Corpus Annotation in MuchMore; Language Technology and the Semantic Web - Institut de Linguística Aplicada (IULA), Universitat Pompeu Fabra, February 2003, Barcelona, Spain

Semantic Corpus Annotation in MuchMore; Language Technology and the Semantic Web - Institute for InfoComm Research, January 2003, Singapore

Semantic Lexicons: Between Ontology and Terminology - ONTOLEX workshop, September 2000, Sozopol, Bulgaria

CoreLex Revisited: Finding Systematic Patterns of Meaning - Department of Linguistics, University of Tuebingen, October 1999, Tuebingen, Germany

Ambiguity in Semantic Annotation - Computer Science Institute, University of Leipzig, July 1999, Leipzig, Germany

Concepts in Multilingual Information Retrieval - Kansai Advanced Research Center, February 1999, Osaka, Japan

Member of Panels

‘EU Experts Consultation Workshop: Towards a Single Information Space in Europe for the Environment (SISE)’, February 2008, Brussels, Belgium

‘Semantic Web’, at the ONTOLEX Workshop, LREC, May 2004, Lisbon, Portugal

‘EU Experts Consultation Meeting on Semantic-based Knowledge Systems’, April 2004, Luxembourg

‘EU Expert Round Table on Knowledge Technologies and Digital Content: Requirements and Options for EU research and technology development’, December 2003, Luxembourg

‘Semantic Web’, at the NLPXML Workshop, COLING, September 2002, Taipei, Taiwan

‘Semantic Web: A New Challenge for Language Technology?’, at COLING, August 2002, Taipei, Taiwan

‘Standardizing and Linking WordNets’, at SENSEVAL2, ACL/EACL, July 2001, Toulouse, France

‘Wissen ueber Woerter’ (Knowledge about Words), at the Institut fuer Deutsche Sprache (Institute for the German Language), June 2001, Mannheim, Germany

‘Cross-Lingual Information Retrieval’, at ASIS (American Society for Information Science and Technology), November 2000, Chicago, USA

‘Multilingual Lexicons’, at the Final Workshop of the SIMPLE Project, June 2000, Athens, Greece

Member of Professional Organizations

Since January 2014: founding member of the [W3C Community Group on Linked Data Models for Emotion and Sentiment Analysis](#)

Since July 2011: Co-Chair of the [W3C Ontology-Lexica Community Group](#)

February 2007 – October 2013: Information Officer of the Special Interest Group on Computational Semantics of the Association for Computational Linguistics ([SIGSEM](#))

April 2009 - May 2010: Executive Council Member (founding member) of the International Association for Ontology and its Applications ([IAOA](#))

June 2004 - December 2008: DFKI representative in W3C Advisory Committee

Conference Organization

Conference Program Chair

IRFC 2014 - 7th Information Retrieval Facility Conference, November 2014, Copenhagen, Denmark

SAMT 2007 - 2nd International Conference on Semantics and Digital Media Technology, December 2007, Genova, Italy

Senior Member Conference Program Committee

SEMANTiCS 2015 - 11th International Conference on Semantic Systems (Senior PC Member) Vienna, Austria, September 2015

*SEM 2015 – 4th Joint Conference on Lexical and Computational Semantics (Area Chair: Lexical resources, linked data, ontologies), Denver, Colorado, June 2015

AAAI 2015 – 29th AAAI Conference on Artificial Intelligence (Senior PC Member), Austin, TX, USA

IUI 2013 – ACM International Conference on Intelligent User Interfaces (Senior PC Member: Semantic Web track), Santa Monica, CA, USA

ESWC 2012 – 9th Extended Semantic Web Conference (Track co-chair: Natural Language Processing and Information Retrieval), Heraklion, Greece

ISWC 2010 – 9th International Semantic Web Conference (Senior PC Member), Shanghai, China

CIKM 2008 – 17th ACM Conference on Information and Knowledge Management (Meta-Reviewer for Track: Knowledge Management), Napa Valley CA, USA

COLING 2008 – 22nd International Conference on Computational Linguistics (Area Chair: lexicon, lexical semantics, word sense disambiguation), Manchester, UK

EACL 2006 – 11th Conference of the European Chapter of the Association for Computational Linguistics (Area Chair: lexicon, lexical databases, ontologies, language resources), Trento, Italy

Conference Local Organizer

Bid for 12th International Conference on Computational Semantics (IWCS 2017) in Galway, Ireland

Contributed to bid for 16th International Semantic Web Conference (2017) in Dublin, Ireland - rejected

[5th International Conference on Formal Ontology in Information Systems](#) (FOIS08), November 2008, Saarbrücken, Germany

Workshop Organizer

[Emotion and Sentiment Analysis](#) (ESA) at LREC, May 2016, Portorož, Slovenia - with: Fernando Sánchez-Rada, Carlos Iglesias: UPM, Spain; Björn Schuller: Imperial College London, UK; Gabriela Vulcu: Insight Centre for Data Analytics, NUIG, Ireland; Laurence Devillers: LIMSI, France

[Taxonomy Extraction with Applications in Semantics](#) (TEXAS) at EMNLP, October 2014, Doha, Qatar - with Georgeta Bordea: INSIGHT, National University of Ireland, Galway; Roberto Navigli: Sapienza University of Rome, Italy; Stefano Faralli: Sapienza University of Rome, Italy – cancelled

[5th International Workshop on Emotion, Social Signals, Sentiment & Linked Open Data](#) (ES³LOD) at LREC, May 2014, Reykjavik, Iceland - with Björn Schuller: Imperial College, UK; Laurence Devillers: Univ. Sorbonne/CNRS-LIMSI, France; Catherine Pelachaud: CNRS - LTCI, France;

Thierry Declerck: DFKI, Germany; Anton Batliner: FAU/TUM, Germany; Paolo Rosso: Univ. Politèc, Valencia, Spain; Seán Gaines: Vicomtech-IK4, Spain

[3rd Workshop on the Multilingual Semantic Web](#) (MSW3) at the 11th International Semantic Web Conference, November 2012, Boston, MA, USA - with Philipp Cimiano: Universitaet Bielefeld, Germany; Dave Lewis: Trinity College Dublin, Ireland; James Pustejovsky: Brandeis University, MA USA; Felix Sasaki: W3C & DFKI GmbH, Germany

[Workshop on the Multilingual Semantic Web at Schloss Dagstuhl](#) - Leibniz-Zentrum für Informatik, September 2012, Dagstuhl, Germany - with Key-Sun Choi (KAIST, South-Korea), Philipp Cimiano (CITEC, Universität Bielefeld, Germany), Eduard Hovy (ISI, University of Southern California, USA)

[Interacting with Linked Data](#) (ILD) at the 9th Extended Semantic Web Conference, May 2012, Heraklion, Greece - with Christina Unger, Philipp Cimiano (CITEC, Universität Bielefeld), Vanessa Lopez, Enrico Motta (KMi, Open University), Richard Cyganiak (DERI, National University of Ireland, Galway)

[2nd Workshop on the Multilingual Semantic Web](#) (MSW2) at the 10th International Semantic Web Conference, October 2011, Bonn, Germany - with Philipp Cimiano, John McCrae: Universitaet Bielefeld, Germany; Elena Montiel-Ponsoda, Universidad Politecnica de Madrid, Spain

[1st Workshop on the Multilingual Semantic Web](#) (MSW) at the 19th World Wide Web conference, April 2010, Raleigh, NC, USA - with Philipp Cimiano: Universitaet Bielefeld, Germany; Elena Montiel-Ponsoda, Universidad Politecnica de Madrid, Spain

[3rd Workshop on Ontology Learning and Population](#) (OLP3) at ECAI (European Conference on Artificial Intelligence), July 2008, Patras, Greece - with Philipp Cimiano: AIFB, University of Karlsruhe, Germany; George Paliouras, NCSR -"Demokritos", Greece; Myra Spiliopoulou, Otto-von-Guericke University Magdeburg, Germany

[From Text to Knowledge: The Lexicon/Ontology Interface](#) (OntoLex) at the 6th International Semantic Web Conference (ISWC), November 2007, Busan, South-Korea - with: Key-Sun Choi, Semantic Web Research Center - KAIST, South-Korea; Aldo Gangemi, LOA-CNR, Italy; Chu-Ren Huang, Academia Sinica, Taiwan; Alessandro Oltramari, Cogito S.r.l., Italy

[2nd Workshop on Ontology Learning and Population](#) (OLP2) at COLING/ACL, July 2006, Sydney, Australia - with Philipp Cimiano: AIFB, University of Karlsruhe, Germany; Berenike Loos: EML, Heidelberg, Germany

[Interfacing Ontologies and Lexical Resources for Semantic Web Technologies](#) (OntoLex) at Language Resources and Evaluation Conference (LREC), May 2006, Genoa, Italy - with: Alessandro Oltramari, LOA-CNR & University of Trento, Italy; Chu-Ren Huang, Academia Sinica, Taiwan; Alessandro Lenci, University of Pisa, Italy; Christiane Fellbaum, Princeton University, USA

[Ontology Learning and Population](#) at European Conference on Artificial Intelligence (ECAI), August 2004, Valencia, Spain - with: Bernardo Magnini: IRST-Trento, Italy; Siegfried Handschuh: AIFB, University of Karlsruhe, Germany

[Semantic Annotation and Intelligent Content at COLING](#) (International Conference on Computational Linguistics), August 2000, Luxembourg - with: Koiti Hasida: ETL, Japan

Workshop on [Lexical Semantics in Context: Corpus, Inference and Discourse](#) at ESSLLI (European Summer School on Logic, Language and Information), August 1998, Saarbrücken, Germany - with: Johan Bos: Saarland University, Germany

Tutorial Organizer

[Ontologies and Lexical Semantics in Natural Language Understanding](#) at ESSLLI (European Summer School on Logic Language and Information), August 2007, Dublin, Ireland - with: Philipp Cimiano, AIFB, University of Karlsruhe, Germany

[Ontology Learning from Text](#) at EACL (Conference of the European Association for Computational Linguistics), April 2006, Trento, Italy - with: Philipp Cimiano, AIFB, University of Karlsruhe, Germany

[Ontology Learning from Text](#) at ECML/PKDD (European Conference on Machine Learning), October 2005, Porto, Portugal - with: Philipp Cimiano, AIFB, University of Karlsruhe, Germany; Marko Grobelnik, Jozef Stefan Institute, Ljubljana, Slovenia; Michael Sintek, DFKI GmbH, Germany

Panel Organizer

Domains, Topics and Senses in the context of the SENSEVAL2 Workshop at ACL/EACL, July 2001, Toulouse, France

Challenge Organizer

SemEval 2016 Task 17: Taxonomy Extraction Evaluation (TExEval) – with Georgeta Bordea: Insight Centre for Data Analytics, NUIG, Ireland; Stefano Faralli, Roberto Navigli: Dipartimento di Informatica, Sapienza University of Rome, Italy

SemEval 2015 Task 13: Taxonomy Extraction Evaluation (TExEval-2) – with Georgeta Bordea: Insight Centre for Data Analytics, NUIG, Ireland; Els Lefever: Universiteit Gent, Belgium

Member of Conference Program Committee

ACL 2016 - 54th Annual Meeting of the Association for Computational Linguistics (Semantics area), Berlin, Germany, August 2016

FOIS 2016 - 9th International Conference on Formal Ontology in Information Systems, Annecy, France, July 2016

NAACL HLT 2016 - North American Chapter of the Association for Computational Linguistics & Human Language Technologies, San Diego, CA, USA, June 2016

LREC 2016 - 10th International Conference on Language Resources and Evaluation, Portorož, Slovenia, May 2016

ECIR 2016 - 38th European Conference on Information Retrieval, Padua, Italy, March 2016

CLIC 2015 - 2nd Conferenza Italiana di Linguistica Computazionale, Povo, Italy, December 2015

TIA 2015 – 11th Terminology and Artificial Intelligence conference (TIA 2015), Granada, Spain, November 2015

ISWC 2015 - 14th International Semantic Web Conference, Bethlehem, PA, USA, October 2015

ACL-IJCNLP 2015 - 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing, Beijing, China, July 2015

NAACL HLT – North American Chapter of the Association for Computational Linguistics & Human Language Technologies, Denver, Colorado, USA, May/June 2015

ESWC – 12th European Semantic Web Conference, Portoroz, Slovenia, May/June 2015

IWCS – 11th International Conference on Computational Semantics, London, UK, April 2015

ECIR – 37th European Conference on Information Retrieval, Vienna, Austria March/April 2015

ISWC – 13th International Semantic Web Conference, Riva del Garda, Italy, October 2014

CLIC-it – 1st Italian Conference on Computational Linguistics, Pisa, Italy, December 2014

EMNLP – Conference on Empirical Methods in Natural Language Processing, Doha, Qatar, October 2014

FOIS – 8th International Conference on Formal Ontology in Information Systems, Rio de Janeiro, Brazil, September 2014

*SEM – 3rd Joint Conference on Lexical and Computational Semantics, Dublin, Ireland, August 2014

COLING – 25th International Conference on Computational Linguistics, Dublin, Ireland, August 2014

ECAI - 21st European Conference on Artificial Intelligence, Prague, Czech Republic, August 2014

TKE - 11th International conference on Terminology and Knowledge Engineering, Berlin, Germany, June 2014

ACL - 52nd Annual Meeting of the Association for Computational Linguistics, Baltimore, Maryland, USA, June 2014

LREC - 9th International Conference on Language Resources and Evaluation, Reykjavik, Iceland, May 2014

EACL - 14th Conference of the European Chapter of the Association for Computational Linguistics, Gothenburg, Sweden, April 2014

TIA - 10th Conference on Terminology and Artificial Intelligence / 10e Conférence Terminologie et Intelligence Artificielle, Paris, France, October 2013

ISWC– 12th International Semantic Web Conference, Sydney, Australia, October 2013

EMNLP - Empirical Methods in Natural Language Processing, Seattle, USA, October 2013

IRFC - 6th Information Retrieval Facility Conference, October 2013, Limassol, Cyprus

GSCL - German Society for Computational Linguistics and Language Technology, Darmstadt, Germany, September 2013

ACL - 51st Annual Meeting of the Association for Computational Linguistics, Sofia, Bulgaria, August 2013

*SEM - 2nd Joint Conference on Lexical and Computational Semantics, Atlanta, US, June 2013

WWW - 22nd World Wide Web Conference, May 2013, Rio de Janeiro, Brazil

ESWC - 10th Extended Semantic Web Conference, May 2013, Montpellier, France

IWCS - 10th International Conference on Computational Semantics, Potsdam, Germany, March 2013

ISWC - 11th International Semantic Web Conference, November 2012, Boston MA, USA

EKAW - 18th International Conference on Knowledge Engineering and Knowledge Management, October 2012, Galway, Ireland

AAAI - 26th Conference on Artificial Intelligence, July 2012, Toronto, Ontario, Canada

IRFC - 5th Information Retrieval Facility Conference, July 2012, Vienna, Austria

ACL - 50th annual meeting of the Association for Computational Linguistics (ACL), July 2012, Jeju Island, South-Korea

FOIS - 7th International Conference on Formal Ontologies in Information Systems, July 2012, Graz, Austria

SEM - 1st Joint Conference on Lexical and Computational Semantics, co-located with NAACL-HLT, June 2012, Montreal, Canada

NLDB - 17th conference on Applications of Natural Language to Information Systems, June 2012, Groningen, the Netherlands

TKE - 10th Conference on Terminology and Knowledge Engineering, June 2012, Madrid, Spain

LREC - 8th International Conference on Language Resources and Evaluation, May 2012, Istanbul, Turkey

EACL - 13th Conference of the European Chapter of the Association for Computational Linguistics, April 2012, Avignon, France

WWW - International World Wide Web conference (demo session), April 2012, Lyon, France

IJCNLP - 5th International Joint Conference on Natural Language Processing, November 2011, Chiang Mai, Thailand

ISWC - 10th International Semantic Web Conference, October 2011, Bonn, Germany

AAAI - 25th Conference on Artificial Intelligence, August 2011, San Francisco, California, USA

EMNLP - Conference on Empirical Methods in Natural Language Processing, July 2011, Edinburgh, UK

K-CAP - 6th International Conference on Knowledge Capture, June 2011, Banff, Canada

EKAW - 17th International Conference on Knowledge Engineering and Knowledge Management, Oct. 2010, Lisbon, Portugal

ECAI - 19th European Conference on Artificial Intelligence, Aug.2010, Lisbon, Portugal

ACL (Area: Lexical Semantics) - 48th Annual Meeting of the Association for Computational Linguistics, July 2010, Uppsala, Sweden

ESWC (PhD Symposium) - 7th Extended Semantic Web Conference, June 2010, Crete, Greece

LREC - 7th International Conference on Language Resources and Evaluation, May 2010, Malta

FOIS - 6th International Conference on Formal Ontology in Information Systems, May 2010, Toronto, Canada

ASWC - 4th Asian Semantic Web Conference, Dec. 2009, Shanghai, China

ISWC (Main Conference, Demo & Poster Session & PhD Track) - 8th International Semantic Web Conference, Oct. 2009, Washington DC

ECML/PKDD - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Sept. 2009, Bled, Slovenia

K-CAP - 5th International Conference on Knowledge Capture, Sept. 2009, Redondo Beach, California, USA

EMNLP - International Conference on Empirical Methods in Natural Language Processing, Aug. 2009, Singapore

ACL-IJCNLP (Area: Information Extraction & Demo Session) - 47th Annual Meeting of the Association for Computational Linguistics & 4th International Joint Conference on Natural Language Processing, Aug. 2009, Singapore

ESWC (Main Conference, Demo & Poster Session & PhD Track) - 6th European Semantic Web Conference, June 2009, Crete, Greece

EACL (Area: lexicon, lexical databases, language resources, ontologies) - 12th Conference of the European Chapter of the Association for Computational Linguistics, April 2009, Athens, Greece

MMM- 15th International MultiMedia Modeling Conference, Jan. 2009, Sophia Antipolis, France

FOIS08 - 5th International Conference on Formal Ontology in Information Systems, November 2008, Saarbruecken, Germany

ICSC08 - 2nd IEEE International Conference on Semantic Computing, August 2008, Santa Clara CA, USA

ESWC08 - 5th European Semantic Web Conference, June 2008, Tenerife, Spain

ACL08 (Area: lexical Semantics) - 46th Annual Meeting of the Association for Computational Linguistics, June 2008, Columbus OH, USA

IJCNLP08 - 3rd International Joint Conference on Natural Language Processing, January 2008, Hyderabad, India

ISWC07 - 6th International Semantic Web Conference, November 2007, Busan, South-Korea

I-KNOW07 (Special Track on Knowledge Organization and Semantic Technologies), September 2007, Graz, Austria

ECML/PKDD - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, September 2007, Warsaw, Poland

ACL07 (Area: lexicon, lexical databases, ontologies, language resources), June 2007, Prague, Czech Republic

16th WWW Conference (Semantic Web Track), May 2007, Banff, Canada

FLAIRS-20 (Special Track on Artificial Intelligence and Social Semantic Collaboration), May 2007, Key West FL, USA

22nd Annual ACM Symposium on Applied Computing (Technical Track on Semantic Web and Applications), March 2007, Seoul, Korea

ISWC06 - 5th International Semantic Web Conference, November 2006, Athens GA, USA

I-KNOW06 - International Conference on Knowledge Management (Special Track on Advanced Semantic Technologies), Sept. 2006, Graz, Austria

ESWC06 - 3rd European Semantic Web Conference, May 2006, Montenegro

LREC06 - 5th International Conference on Language Resources and Evaluation, May 2006, Genoa, Italy

3rd International Conference of the Global WordNet Association, January 2006, Jeju Island, Korea

IJCNLP05 - 2nd International Joint Conference on Natural Language Processing (Area: Semantics and Ontologies), Oct. 2005, Jeju Island, Korea

ECCB05 - 4th European Conference on Computational Biology (Area: Text Mining), Sept./Oct. 2005, Madrid, Spain

ISMB05 - Intelligent Systems for Molecular Biology (Area: Text Mining), June 2005, Michigan, USA

2nd European Semantic Web Conference, May 2005, Crete, Greece

14th WWW Conference (Semantic Web Track), May 2005, Chiba, Japan

COLING04 (Area: Lexical Semantics & Area: Ontologies, Lexicons and Lexical Databases for NLP), August 2004, Geneva, Switzerland

ISMB/ECCB04 - Intelligent Systems for Molecular Biology & European Conference on Computational Biology (Area: Databases, Ontologies and Text Mining), August 2004, Glasgow, UK
LREC04 - 4th International Conference on Language Resources and Evaluation, May 2004, Lisboa, Portugal
13th WWW Conference (Semantic Web Track), May 2004, New York, USA
IJCNLP04 (Area: Lexical Semantics, Ontology and Linguistic Resources), March 2004, Hainan Island, China
2nd International WordNet Conference, January 2004, Brno, Czech Republic
ACL03 (Area: Lexical Semantics and Ontologies for NLP), July 2003, Sapporo, Japan
EACL03 (Area: Lexicon, Lexical Semantics), April 2003, Budapest, Hungary
COLING02 (Area: Semantics & Area: Syntax), August 2002, Taipei, Taiwan
1st International WordNet Conference, January 2002, Mysore, India
FOIS01 - 2nd International Conference on Formal Ontology in Information Systems, October 2001, Ogonquit, Maine, USA
IJCAI01 (Area: NLP/HCI), August 2001, Seattle, Washington, USA
ACL00 (Area: Lexicon and Semantics), October 2000, Hong Kong
COLING/ACL98 (Area: Large R&D Cooperative Projects), August 1998, Montreal, Canada

Member of Workshop Program Committee

10th LaTeCH Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities at ACL 2016, Berlin, Germany, August 2016
3rd NLP & DBpedia workshop at ISWC 2015, Bethlehem, PA, USA, October 2015
9th LaTeCH Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities at ACL-IJCNLP 2015, Beijing, China, July 2015
4th Workshop on Linked Data in Linguistics: Resources and Applications at ACL-IJCNLP 2015, Beijing, China, July 2015
4th Workshop on the Multilingual Semantic Web, at the 12th Extended Semantic Web Conference (ESWC 2015), Portorož, Slovenia, June 2015
Multilingual Web Access workshop at WWW 2015, Florence, Italy, May 2015
1st Workshop on Natural Language Access to Big Data (AAAI Fall Symposium), Arlington, VA, USA, November 2014
Workshop on Linked Data for Information Extraction at ISWC, Riva del Garda, Italy, October 2014
NLP & DBpedia Workshop at ISWC, Riva del Garda, Italy, October 2014
3rd Workshop on Semantic Web and Information Extraction at COLING, Dublin, Ireland, August 2014
4th Workshop on Controlled Natural Language at COLING, Galway, Ireland, August 2014
1st International Workshop on Personalised Multilingual Information Access at UMAP 2014, Aalborg, Denmark, July 2014
1st Workshop on Semantic Sentiment Analysis at ESWC 2014, Hersonissos, Crete, May, 2014
10th Joint ACL - ISO Workshop on Interoperable Semantic Annotation at LREC, Reykjavik, Iceland, May 2014

CCURL 2014 workshop on Collaboration and Computing for Under-Resourced Languages in the Linked Open Data Era at LREC, Reykjavik, Iceland, May 2014

Workshop on Computational Approaches to Causality in Language at EACL, Gothenburg, Sweden, April 2014

8th LaTeCH Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities at EACL, Gothenburg, Sweden, April 2014

NLP & DBpedia workshop at the International Semantic Web Conference, Sydney, Australia, October 2013

2nd workshop on Semantic Web and Information Extraction at RANLP (Recent Advances in Natural Language Processing), Hissar, Bulgaria, September 2013

ACL 2013 workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities (LaTeCH 2013), Sofia, Bulgaria, August 2013

First International IFIP Working Conference on Value-Driven Social Semantics & Collective Intelligence (VaSCo) at ACM Web Science, Paris, France, May 2013

Web of Linked Entities Workshop at ISWC, Boston MA, USA, November 2012

Joint Workshop on Knowledge Evolution and Ontology Dynamics at ISWC, Boston MA, USA, November 2012

Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities at EACL, Avignon, France, April 2012

2nd International Workshop on Evaluation of Semantic Technologies at ESWC, Heraklion, Greece, May 2012

The People's Web meets NLP: Collaboratively Constructed Semantic Resources and their Applications to NLP at ACL, Jeju Island, South-Korea, July 2012

Workshop on Language Resource Merging at LREC, Istanbul, Turkey, May 2012

Workshop on DETecting and Exploiting Cultural diversiTY on the Social Web (DETECT) at CIKM, Glasgow, Scotland, October 2011

Workshop on Knowledge Evolution and Ontology Dynamics at ISWC, Bonn, Germany, October 2011

International Workshop on Lexical Resources at ESSLLI 2011, Ljubljana, Slovenia, August 2011

Workshop on Entity-Oriented Search (EOS) at SIGIR 2011, Beijing, China, July 2011

Geometrical Models of Natural Language Semantics (GEMS) at EMNLP, Edinburgh, UK, July 2011

Workshop on Relational Models of Semantics at ACL-HLT, Portland, Oregon, USA, June 2011

Distributional Semantics and Compositionality Workshop (DiSCo) at ACL-HLT, Portland, Oregon, USA, June 2011

5th Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities (LaTeCH) at ACL-HLT, Portland, Oregon, USA, June 2011

4th International Semantic Search Workshop at the WWW conference, Hyderabad, India, March 2011

Workshop on Annotation and Exploitation of Parallel Corpora, Tartu, Estonia, December 2010

Cross-lingual Expert Search - Bridging Cross-Lingual IR and Social Media at CLEF, Padua, Italy, September 2010

6th Workshop on Ontologies and Lexical Resources (OntoLex) at COLING, Beijing, China, August 2010

2nd Workshop on The People's Web meets NLP: Collaboratively Constructed Semantic Resources at COLING, Beijing, China, August 2010

4th Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities at ECAI, Lisbon, Portugal, August 2010

GEometrical Models of Natural Language Semantics (GEMS) at ACL, Uppsala, Sweden, July 2010

3rd Semantic Search workshop at WWW, Raleigh, USA, April 2010

The People's Web meets NLP: Collaboratively Constructed Semantic Resources at ACL/IJCNLP, Singapore, August 2009

GEometrical Models of Natural Language Semantics at EACL, Athens, Greece, April 2009

Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education at EACL, Athens, Greece, April 2009

Semantic Representation of Spoken Language at EACL, Athens, Greece, April 2009

Distributional Lexical Semantics: Bridging the gap between semantic theory and computational simulations at ESSLLI, Hamburg, Germany, August 2008

Semantic Search at the 5th European Semantic Web Conference, Tenerife, Spain, June 2008

Building and evaluating resources for biomedical text mining at LREC, Marrakech, Morocco, May 2008

2nd Linguistic Annotation Workshop (the LAW) at LREC, Marrakech, Morocco, May 2008

5th International Workshop on Philosophy and Informatics, Kaiserslautern, Germany, April 2008

Semantic Representation of Speech at the conference of the Spanish association for artificial intelligence (CAEPIA), Salamanca, Spain, November 2007

Natural Language Processing and Knowledge Representation for eLearning Environments at RANLP (International Conference on Recent Advances in NLP), Borovetz, Bulgaria, September 2007

Acquisition and Management of Multilingual Lexicons at RANLP (International Conference on Recent Advances in NLP), Borovetz, Bulgaria, September 2007

Contextual Information in Semantic Space Models: Beyond Words and Documents at 6th International and Interdisciplinary Conference on Modeling and Using Context, Denmark, August 2007

Linguistic Annotation Workshop (the LAW) at ACL, Prague, Czech Republic, June 2007

Web Content Mining with Human Language Technologies at ISWC, November 2006, Athens GA, USA

Semantic Web Applications: Theory and Practice (SWAT 2006) at 25th International Conference on Conceptual Modeling (ER 2006), November 2006, Tucson, Arizona, USA

Annotating and Reasoning about Time and Events at COLING/ACL, July 2006, Sydney, Australia

International Workshop on Intelligent Information Access (IIIA2006), July 2006, Helsinki, Finland

3rd Workshop on Scalable Natural Language Understanding at HLT/NAACL, June 2006, Boston, USA

3rd International Workshop on Philosophy and Informatics, May 2006, Saarbruecken, Germany

Cross-Language Knowledge Induction at EACL, April 2006, Trento, Italy

Multi-dimensional Markup in Natural Language Processing at EACL, April 2006, Trento, Italy

Knowledge Markup and Semantic Annotation at ISWC, November 2005, Galway, Ireland

Ontology Mining & Engineering and its Use for Virtual Reality (WOMEUVR05) at OTM, November 2005, Agia Napa, Cyprus

Ontologies and Lexical Resources (OntoLex 2005) at IJCNLP, October 2005, Jeju Island, Korea

Knowledge Discovery and Ontologies at ECML, October 2005, Porto, Portugal

Representation and Analysis of Web Space, September 2005, Prague-Tocna, Czech Republic

Learning in Web Search at ICML, August 2005, Bonn, Germany

Learning and Extending Lexical Ontologies by Using Machine Learning Methods at ICML, August 2005, Bonn, Germany

Knowledge Markup and Semantic Annotation at ISWC, November 2004, Hiroshima, Japan

Application of Language and Semantic Technologies to Support Knowledge Management Processes at EKAW, October 2004, Northamptonshire, UK

RDF/RDFS and OWL in Language Technology at ACL, July 2004, Barcelona, Spain

A Registry of Linguistic Data Categories within an Integrated Language Resources Repository Area at LREC, May 2004, Lisbon, Portugal

Knowledge Markup and Semantic Annotation at K-CAP, October 2003, Florida, USA

Human Language Technology for the Semantic Web and Web Services at ISWC, October 2003, Florida, USA

Prospects and advances in the syntax/semantics interface, October 2003, Nancy, France.

Language Technology and the Semantic Web at EACL, April 2003, Budapest, Hungary

Semantic Web Meets Language Resources at AAI, July 2002, Edmonton, Alberta, Canada

Semantic Authoring, Annotation & Knowledge Markup at ECAI, July 2002, Lyon, France

Semantic Web Workshop at the WWW Conference, May 2002, Hawaii, USA

Ontologies and Lexical Knowledge Bases (OntoLex 2002) at LREC, May 2002, Las Palmas, Spain

Wordnet Structures and Standardization at LREC, May 2002, Canary Islands, Spain

Natural Language Processing in Biomedical Applications at EFMI, March 2002, Nicosia, Cyprus

Knowledge Markup and Semantic Annotation at K-CAP, October 2001, Victoria B.C., Canada

Multi-Layer Corpus-based Analysis at the EuroLan Summer School, July/August 2001, Iasi, Romania

Semantic Web Workshop (SemWeb 2001) at the WWW Conference, May 2001, Hong Kong

Summer School Organization – Program Chair

European Summer School on Logic, Language and Information (ESSLLI), Area: Language and Computation, August 2004, Nancy, France.

Journal Reviewing

Editorial Board Member

Since Oct 2004: *Language Resources and Evaluation Journal*, Springer (eds. Nicoletta Calzolari, Nancy Ide)

Dec 2004 – July 2011: *FOLLI Publications on Logic, Language and Information*, Sub-series of Lecture Notes in AI, Springer (eds. Luigia Carlucci Aiello, Michael Moortgat, Maarten de Rijke)

Reviewer for Journal Special Issues

Special Issue on *Under-resourced Languages, Collaborative Approaches and Linked Open Data: Resources, Methods and Applications*. Language Resources and Evaluation Journal, Springer – to appear

Special Issue on *Artificial Intelligence, Wikipedia and Semi-Structured Resources*. Artificial Intelligence Journal, Vol.194, Elsevier, 2013

Special Issue on *Ontologies and Terminologies: Continuity or Rupture*. Applied Ontology, Vol. 7:4, IOS press, 2012

Special Issue on *Free Language Resources*. Traitement Automatique des Langues, Vol. 52:3, Lavoisier, 2011

Special Issue on *Semantic Analysis for Interactive Multimedia Services*. Signal Processing: Image Communication, Vol. 23:7, Elsevier, 2008

Special Issue on *Summarization and Information Extraction from Medical Documents*. Artificial Intelligence in Medicine, Vol. 33:2, Elsevier, 2005

Special Issue on *Semantic Lexicons*, Traitement Automatique des Langues. Vol. 42:3, Lavoisier, 2002

Regular Journal Reviewer

ACM Computing Surveys

Applied Ontology, IOS Press

Artificial Intelligence, Elsevier

Bioinformatics, Oxford University Press

Communications of the ACM

Computational Linguistics, MIT Press

Data & Knowledge Engineering, Elsevier

Intelligent Systems, IEEE Computer Society

International Journal of Human-Computer Studies, Elsevier

International Journal of Semantic Web and Information Systems, IGI Global

Journal of Natural Language Engineering, Cambridge University Press

Journal of Web Semantics, Elsevier

Knowledge Engineering Review, Cambridge University Press

Reviewer for Funding Agencies

EU - 7th Framework Programme for Research and Technological Development (FP7)

EU - European Cooperation in Science and Technology (COST)

IWT Strategic Basic Research (SBO), Flanders/Belgium

Norwegian Research Council

Nederlandse Organisatie voor Wetenschappelijk Onderzoek - Dutch Research Council (NWO)

Science Foundation Ireland (SFI)

Oesterreichische Forschungsfoerderungsgesellschaft - Austrian Research Council (FFG)

Supervision and Teaching

PhD Thesis Supervision

National University of Ireland, Galway

Ongoing

Since October 2015: Joel Pocostales PhD Computer Science: *topic TBD*

Since May 2014: Andrejs Ābele PhD Computer Science: *Linked Data Profiling*

Since November 2013: Sapna Negi, PhD Computer Science: *Suggestion Mining*

Since April 2011: Mihael Arcan, PhD Computer Science: *Term Translation*

Since November 2010: Nitish Aggarwal, PhD Computer Science: *Entity Relatedness*

Graduated

April 2009 – Oct 2013 (graduated): Georgeta Bordea, PhD Computer Science: *Domain adaptive extraction of topical hierarchies for Expertise Mining*

September 2010 – June 2012 (graduated): Sean O’Riain, PhD Computer Science: *Semantic Paths in Business Filings Analysis*

Stopped

January 2013 – June 2015 (stopped, switched to MSc): Bianca Pereira, PhD Computer Science: *Entity Linking with Multiple Knowledge Bases*

April 2009 – July 2012 (stopped): Behrang Qasemizadeh, PhD Computer Science: *Relation Extraction for Technology Structure Mining*

June 2010 – February 2012 (stopped): Tobias Wunner, PhD Computer Science: *Ontology Lexicalisation for Cross-Lingual Ontology-based Information Extraction*

University of South-Africa

Since February 2011: Friedel Wolff, PhD Computer Science: *Semantically Aware Translation Memories*

PhD Thesis External Committee Member

Spring 2016: Sebastian Walter, PhD Computer Science, Universität Bielefeld, Germany

Nov. 2014: Stefano Faralli, PhD Computer Science, Sapienza University of Rome, Italy

Spring 2014: Rilwan Basanya, PhD Computer Science, Università di Pisa, Italy

Nov. 2011: Bo Fu, PhD Computer Science, Trinity College Dublin, Ireland: *Semantic-Oriented Cross-Lingual Ontology Mapping*

Oct. 2010 – Feb. 2011: Elena Montiel Ponsoda, PhD Applied Linguistics, Universidad Politécnica de Madrid, Spain: *Multilingualism in Ontologies - Multilingual Lexico-Syntactic Patterns for Ontology Modeling and Linguistic Information Repository for Ontology Localization*

Dec. 2009 – Feb. 2011: Pinar Wennerberg, PhD Computational Linguistics, Ludwig-Maximilians-Universität München, Germany: *Corpus Based Methods for Ontology Modularization in Healthcare*

Dec. 2009: Antonio Toral, PhD Computational Linguistics, Universitat d'Alacant, Spain: *Enrichment of Language Resources by Exploiting New Text and the Resources Themselves: A case study on the acquisition of a NE lexicon*

Dec. 2008: Gijs Geleijnse, PhD Industrial Design, Technische Universiteit Eindhoven, the Netherlands: *Information Extraction from the Web using a Search Engine*

MSc Supervision

National University of Ireland, Galway

Since June 2015 (switched from PhD program): Bianca Pereira, MSc Computer Science: *Using Knowledge Base Segmentation for Entity Linking*

Saarland University, Germany

Dec. 2006 - Sept. 2007: Mario Crespo Miguel, MSc Computational Linguistics: *Domain-specific English-to-Spanish Translation of FrameNet*

Aug. 2005 - June 2006: Nicolas Weber, MSc Computer Science: *Webbasiertes Ontologielernen (Web-based Ontology Learning)*

April 2004 - Feb. 2005: Srikanth Ramaka, MSc Computer Science: *A Machine Learning Based Approach to Ontology Population*

German 'Diplom Thesis' Supervision

Saarland University, Germany

Jan. 2003 - June 2004: Daniel Olejnik, Diplom Computer Science: *OntoLT: Ein Protege Plug-in fuer Textbasierte Ontologieextraktion (OntoLT: A Protege Plug-in for Text-based Ontology Extraction)*

June 2001 - Nov. 2002: Diana Raileanu, Diplom Computational Linguistics: *Domain Specific Semantic Tagging*

June 2000 - Feb. 2001: Bogdan Sacaleanu, Diplom Computational Linguistics: *Domain Specific Semantic Lexicon Tuning and Extension*

BA, BSc Thesis Supervision

Saarland University, Germany

Aug. 2006 - April 2007: Thomas Eigner, BSc Computer Science: *OntoSelect: An online ontology library with automatic support for ontology selection*

Sept. 2004 - June 2006: Alexander Schutz, BA Computational Linguistics: *Relation Extraction for Ontology Extension*

University Seminars

January – May 2016: *Natural Language Processing, MSc in Data Analytics*, National University of Ireland, Galway

April 2009: *Natural Language Processing - for the Semantic Web*, National University of Ireland, Galway

2007, 2008: Lectures on *Semantics, Disambiguation, Semantic Web*, Saarland University, Germany

April 2006 - July 2006: *Ontologies and Lexical Semantics*, Saarland University, Germany

2002: Lecture on the *WordNet in the Semantic Web*, Saarland University, Germany

April 2000 - July 2000: *Lexical Semantics in Information Systems*, Saarland University, Germany

April 1999 - July 1999: *Lexical Semantics in Information Systems*, Saarland University, Germany

Invited Seminars

MERAKA institute: week-long course on *Ontologies and Word Meaning in Natural Language Processing*, July 2008, Pretoria, South-Africa

Semantic Web Company: 1-day course on *Text Mining & Semantic Search*, June 2008, Vienna, Austria

ACL/HCSNet Advanced Program in Natural Language Processing: 2-day course on *Lexical Semantics and Ontologies*, July 2006, Melbourne, Australia

1st SEKT Summer School on the Semantic Web: lecture on *Human Language Technology for the Semantic Web*, July 2005, Ljubljana, Slovenia

2nd Summer School on Ontological Engineering and the Semantic Web: week-long course on *Language Technology for the Semantic Web*, July 2004, Cercedilla, Spain

1st Summer School on Ontological Engineering and the Semantic Web: week-long course on *Language Technology for the Semantic Web*, July 2003, Cercedilla, Spain

PhD Program in Applied Linguistics, (NLP area): 3-day course on *Computational Lexical Semantics*, Institut de Lingüística Aplicada (IULA), Universitat Pompeu Fabra, February 2003, Barcelona, Spain

EUROLAN Summer School: 2-day courses on *Domains and Senses; Semantic Annotation in Cross-Lingual Information Retrieval*, August 2001, Iasi, Romania

EUROLAN Summer School: 2-day course on *Concepts in Multilingual Information Retrieval*, August 1999, Iasi, Romania