



## EXTERNALLY AWARDED MAJOR RESEARCH GRANTS AND CONTRACTS

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
2012-2017	NSERC	Making Sense of Semantic Relations	RI	14,000
2009-2012	MNI <sup>1</sup>	Semi-automatic construction of lexical resources by recognizing semantic relations from morpho-syntactic and semantic data in corpora (with <b>M. Piasecki</b> , B. Broda, M. Głabska, J. Rabięga-Wiśniewska + four others)	RG	PLN 136,650
2007-2012	NSERC	Discovering Subjectivity in Language	RI	23,000
2005-2008	MNI	Automatic methods of constructing a semantic network of Polish lexemes for natural language processing (with <b>M. Piasecki</b> , M. Derwojedowa, A. Przepiórkowski, M. Zawisławska)	RG	PLN 122,300
2003-2006	SSHRC-RDI	Elaboration d'une base de données informatisée sur le lexique du français contemporain pour la recherche (with <b>A. Desrochers</b> )	RG	35,000
2002-2006	SSHRC-INE	Electronic Negotiations, Media, and Transactions in Socio-economic Interactions (with <b>G. Kersten</b> , J. Etezadi, K. Laframboise, A. Soberg, R. Vahidov, Yufei Yuan; collaboration with M. Bichler, M. Stroebel, E. Thiessen, C. Weinhardt, M. Schoop, Tung Bui, S. Koeszegi, R. Vetschera)	RG	328,000 <sup>2</sup>
2003-2006	SSHRC-INE	Élaboration d'un didacticiel intelligent pour le développement de compétences en lecture chez les apprenants en langue seconde (with <b>L. Duquette</b> , C. Barrière, A. Desrochers, S. Matwin; collaboration with M. Laurier, P. Balcom, G. Chevalier, J. Binon, T. Selva, S. Verlinde)	RG	86,667
2002-2007	NSERC	Tools and techniques for shallow semantic analysis of English documents	RI	23,000
2001-2004	SSHRC	Élaboration d'un didacticiel intelligent pour le développement des compétences en lecture chez les apprenants en langue seconde (with <b>L. Duquette</b> , C. Barrière, A. Desrochers, D. Forget, J. Licerias, S. Matwin)	RG	average 28,333
2001-2003	University of Ottawa	Élaboration d'un didacticiel intelligent pour le développement des compétences en lecture chez les apprenants en langue seconde (with <b>L. Duquette</b> , C. Barrière, A. Desrochers, D. Forget, J. Licerias, S. Matwin)	RG	10,000
2000-2002	CITO	Content Extraction from On-line Documents (with <b>S. Matwin</b> , K. Barker, C. Barrière, R. Holte)	CG	average 67,000

<sup>1</sup> Ministerstwo Nauki i Informatyzacji (Department of Science and Informatization), Poland

<sup>2</sup> 352,000 in 2003-2006

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
1998-2002	NSERC	Text analysis for knowledge acquisition	RI	19,635 <sup>3</sup>
1996-99	NSERC / ThinkTank Technologies	Intelligent information access (with <b>R. Holte</b> , M. Brooks, J.-F. Delannoy, S. Marsh, J. Martin, S. Matwin, D. Schuurmans, P. Turney)	RG	116,000 / 45,000
1994-1998	NSERC	Text analysis for knowledge acquisition	RI	16,000
1994-1997	Max Bell Foundation	Development of Patient Simulator Software for Medical Education and Evaluation (with <b>S. Z. Rubin</b> , G. E. Kersten, J. Turnbull)	C	≈40,000
1994-1995	NSERC (equipment)	Computing Facilities for Research on Artificial Intelligence Techniques for Decision Support and on Knowledge Acquisition (with <b>G. E. Kersten</b> , D. Cray, V. Jog, D. Skuce)	RG	33,910
1991-1995	NSERC (strategic)	Automation and Support of Decisions with Strategic Interactions (with T. Bui, <b>G. Kersten</b> , W. Michalowski, K. Sycara)	RG	≈95,000
1991-1994	NSERC (strategic)	Machine Learning and Text Analysis for Semi-automatic Knowledge Acquisition (with <b>S. Matwin</b> )	RG	73,075
1991-1994	NSERC	Knowledge acquisition from text	RI	15,500
1989-1991	Cognos-OTF	Adaptive modeller support (with <b>S. Matwin</b> and F. Oppacher)	CG	99,000
1988-1991	NSERC	New approaches to knowledge acquisition (with <b>S. Matwin</b> and F. Oppacher)	RG	42,000
1988-1991	URIF	New approaches to knowledge acquisition (with <b>S. Matwin</b> and F. Oppacher)	RG	15,000
1988-1991	Cognos	New approaches to knowledge acquisition (with <b>S. Matwin</b> and F. Oppacher)	CG	27,000
1988-1991	NSERC	Incremental knowledge acquisition from technical texts	RI	15,477
1987-1988	NSERC	Automating knowledge acquisition from English texts	RI	10,000
1986-1987	NSERC	Automating knowledge acquisition from English texts	RI	10,000

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<sup>3</sup> 18,700 in 1998-1999

**TEACHING EXPERIENCE**

Artificial intelligence  
 Compiler development  
 Computer organization  
 Data bases  
 Data structures  
 Logic programming  
 Natural language processing  
 Programming languages

**SUPERVISION OF GRADUATE STUDENTS**

	SUCCESSFULLY COMPLETED	IN PROGRESS	INACTIVE/ ABORTED
(A) DOCTORAL THESES	5	3	2
(B) MASTER'S THESES	17	1	-
(C) POSTDOCTORAL FELLOWS	8		

The detailed list

*(does not include 3 MSc students in Poland)*

Richard Keelan (MCS), classifying verbs, Sep. 2009-present

Diman Ghazi (PhD), emotion analysis, Jan. 2009-present (co-supervisor: Dr. Diana Inkpen)

Anna Kazantseva (PhD), summarizing naratives, Jan. 2007-present

Alistair Kennedy (PhD), automatic expansion of Roget's Thesaurus, Jan. 2007-present

Viviana Nastase (postdoctoral), analyzing the language of negotiation, Dec. 2003-March 2006 (co-supervisor: Dr. Gregory Kersten)

Matthieu Hermet (PhD), "Automated Analysis of Students' Free-text Answers for Computer-Assisted Assessment", Sep. 2003-Aug. 2009

Marina Sokolova (PhD), "Language in Electronic Business Negotiations", May 2003-February 2006

Saima Aman (MCS), "Learning Emotions from Text", Sep. 2005-July 2007

Darren Kipp (MCS), "Shallow Semantics for Topic-Oriented Multi-Document Automatic Test Summarization", Jan. 2005-Nov. 2008 (co-supervisor: Dr. Diana Inkpen)

Alistair Kennedy (MCS), "Analysis and Construction of Noun Hypernym Hierarchies to Enhance Roget's Thesaurus", Sep. 2004-Dec. 2006

Anna Kazantseva (MCS), "Automatic Summarization of Short Fiction", Apr. 2004-Dec. 2006

R. J. Bhatia (MCS), "Automating Assignment of Semantic Relations in TANKA", Sep. 2003-July 2006

Asad Sayeed (MCS), "Developing a Minimalist Parser for Free Word Order Languages", Jan. 2003-June 2005

Loïs Rigouste (MCS), "Evolution of a Text Summarization System in an Automatic Evaluation Framework", September 2001-September 2003 (co-supervisor: Dr. Nathalie Japkowicz)

Viviana Nastase (PhD), "Semantic Relationships Across Syntactic Levels", September 1998-December 2003

Mario Jarmasz (MCS), "The Roget's Thesaurus as a Lexical Knowledge Base", September 1998-July 2003

- Yllias Chali (postdoctoral), intelligent information access, March 1998-July 1999 (co-supervisor: Dr. Stan Matwin)
- Emre Erkol (MCS), "A Multi-Agent Extension of Negoplan and Its Application to a Business Strategy Game", 1996-1998 (co-supervisor: Dr. Gregory Kersten)
- Elizabeth Scarlett (MCS), "Optimization of a Rule-based Parser of English Sentences", 1994-2000
- Darren Meister (postdoctoral), automation and support of decisions with strategic interactions, 1994-1995 (co-supervisor: Dr. Gregory Kersten)
- Sunil Noronha (postdoctoral), automation and support of decisions with strategic interactions, 1994-1995 (co-supervisor: Dr. Gregory Kersten)
- Janse Tolmie (postdoctoral), automation and support of decisions with strategic interactions, 1994-1995 (co-supervisor: Dr. Gregory Kersten)
- Stephen Chow (M Mgmt Studies), evaluation of an interface to a medical decision support system, 1993-1996 (co-supervisor: Dr. Gregory Kersten)
- Qi Shiyuan (PhD), no topic assigned, 1993-1995 (resigned)
- Jean-François Delannoy (postdoctoral), machine learning and text analysis for semi-automatic knowledge acquisition, 1993-1994 (co-supervisor: Dr. Stan Matwin)
- Ping Lu (postdoctoral), automation and support of decisions with strategic interactions, 1993 (co-supervisor: Dr. Gregory Kersten)
- Cao Feng (postdoctoral), machine learning and text analysis for semi-automatic knowledge acquisition, 1992-1994 (co-supervisor: Dr. Stan Matwin)
- Ken Barker (PhD), "Semi-Automatic Recognition of Semantic Relationships in English Technical Texts", 1991-1998
- Sylvain Delisle (PhD), "Text Processing without a priori Domain Knowledge: Semi-Automatic Linguistic Analysis for Incremental Knowledge Acquisition", 1990-1994
- Leixuan Yang (PhD), "Conceptual Network: A Knowledge Representation Formalism", 1989-1993 (leave of absence in 1993; withdrew in 1996)
- Christine Laurendeau (MCS), "Automated Acquisition of Technical Concepts from Unrestricted English Text using Noun Phrase Classification", 1990-1992
- Victor Loewen (MA), "ORDINOTRAD: A machine Translation System based on Case Grammar", 1987-1989 (co-supervisor: Dr. Brian Harris)
- Sylvain Delisle (MCS), "A Natural Language Interface for an Expert Advisor System", 1985-1987

**PUBLICATIONS AND PRESENTATIONS (career totals)**

Papers in refereed journals	38
Papers in refereed conference proceedings	127
Books written	5
Books edited	2
Refereed book chapters	11
Other book chapters	6
Conference presentations	22
Technical reports	21

**PUBLICATIONS AND PRESENTATIONS (details)\*****A. Papers in refereed journals**

- M. Maziarz, S. Szpakowicz, M. Piasecki (2012) "Semantic Relations among Adjectives in Polish WordNet 2.0: A New Relation Set, Discussion and Evaluation", *Cognitive Studies / Études Cognitives*, **12**, 32 pages.
- M. Maziarz, M. Piasecki, S. Szpakowicz, J. Rabięga-Wiśniewska (2011) "Semantic Relations among Nouns in Polish WordNet Grounded in Lexicographic and Semantic Tradition", *Cognitive Studies / Études Cognitives*, **11**, 161-182.
- M. Maziarz, M. Piasecki, S. Szpakowicz, J. Rabięga-Wiśniewska, B. Hojka (2011) "Semantic Relations Between Verbs in Polish Wordnet 2.0", *Cognitive Studies / Études Cognitives*, **11**, 183-200.
- B. Broda, M. Piasecki, S. Szpakowicz (2010), "Extraction of Polish Noun Senses from Large Corpora by Means of Clustering", *Control and Cybernetics*, **39**(2) [special issue on Intelligent Information Processing and Web Mining], 401-420.
- A. Kazantseva, S. Szpakowicz (2010), "Summarizing Short Stories", *Computational Linguistics*, **36**(1), 71-109.
- V. Nastase, S. Szpakowicz (2009), "The Same Semantic Relations Link Structurally Different Realizations of Concepts", *Linguistic Issues in Language Technology*, **2**(3), 1-45.
- R. Girju, P. Nakov, V. Nastase, S. Szpakowicz, P. Turney, D. Yuret (2009) "Classification of Semantic Relations between Nominals", *Language Resources and Evaluation*, **43**(2), 105-121.
- M. Sokolova, S. Szpakowicz (2007) "Strategies and Language Trends in Learning Success and Failure of Negotiation", *Group Decision and Negotiation*, **16**(5), 469-484.
- V. Nastase, S. Köszegi, S. Szpakowicz (2007) "Content Analysis Through the Machine Learning Mill". *Group Decision and Negotiation*, **16**(4) [an expanded version of Nastase, Köszegi, Szpakowicz 2005], 335-346.
- M. Sokolova, M. Shah, S. Szpakowicz (2006) "Comparative Analysis of Text Data in Successful Face-to-Face and Electronic Negotiations", *Group Decision and Negotiation*, **15**(2) [an expanded version of Sokolova, Shah, Szpakowicz 2005], 127-140.
- M. Shah, M. Sokolova, S. Szpakowicz (2006) "Process-Specific Information for Learning E-negotiation Outcomes", *Fundamenta Informaticae*, **74**(2-3), 351-373.
- K. Barker, T. Copeck, S. Delisle, S. Szpakowicz (1997) "Systematic Construction of a Versatile Case System", *J. Natural Language Engineering*, **3**(4), 279-315.
- T. Copeck, K. Barker, S. Delisle, S. Szpakowicz, J.-F. Delannoy (1997) "What is Technical Text?", *Language Sciences*, **19**(4), 391-424.
- G. E. Kersten, S. Szpakowicz (1997) "A Formal Account of Sequential Decision-Making in a Co-Operative Setting", *Fundamenta Informaticae*, **30**(3/4), 269-282.

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\* The **h-index** value of my publications, calculated by software at [www.harzing.com/pop.htm](http://www.harzing.com/pop.htm), is **16**. Google Scholar Citations puts it at **19**.

- S. Delisle, K. Barker, T. Copeck, S. Szpakowicz (1996) "Interactive Semantic Analysis of Technical Texts", *Computational Intelligence* **12**(2), 273-306.
- G. E. Kersten, S. Szpakowicz (1995) "Forming Decision Making Skills with a Patient Simulator", *Control and Cybernetics*, **24**(3), 301-326.
- M. Swidzinski, S. Szpakowicz (1994) "Sentence Schemata for the Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **7**(1), 1-30.
- G. E. Kersten, S. Szpakowicz (1994) "Decision Making and Decision Aiding: Defining the Process, Its Representations, and Support". *Group Decision and Negotiation*, **3**(2), 237-261.
- M. Swidzinski, S. Szpakowicz (1993) "Non-typical Linguistic Phenomena in the Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **6**(4), 223-251.
- Z. Koperczak, S. Matwin, S. Szpakowicz (1992) "Modelling Negotiation Strategies with Two Interacting Expert Systems". *Control and Cybernetics* (special issue on Bargaining and Arbitration in Conflicts), **21**(1), 105-130.
- S. Matwin, S. Szpakowicz (1992) "Machine Learning Techniques in Knowledge Acquisition from Text". *THINK*, **1**(2), 37-50.
- G. E. Kersten, W. Michalowski, S. Szpakowicz, Z. Koperczak (1991) "Restructurable Representations of Negotiation". *Management Science*, **37**(10), 1269-1290.
- W. Michalowski, G. E. Kersten, Z. Koperczak, S. Szpakowicz (1991) "Disaster Management with NEGOPLAN". *Expert Systems with Applications*, **2**(2-3), 107-120.
- S. Szpakowicz, M. Swidzinski (1990) "A Formal Definition of the Co-ordinate Nominal Group in Contemporary Written Polish" [in Polish]. *Studia Gramatyczne IX*, Wroclaw-Warszawa-Krakow, Zaklad Narodowy im. Ossolinskich, The Polish Academy of Sciences, 9-54.
- S. Szpakowicz (1990) "Semi-Automatic Acquisition of Conceptual Structure from Technical Texts". *Int. J. of Man-Machine Studies*, **33**, 385-397.
- G. E. Kersten, S. Szpakowicz, Z. Koperczak (1990) "Modelling of Decision Making for Discrete Processes in Dynamic Environments". *Computers and Mathematics with Applications*, **20**(9/10), 29-43.
- G. E. Kersten, S. Szpakowicz (1990) "Rule-based Formalism and Preference Representation: an Extension of NEGOPLAN". *European J. of Operational Research*, **45**(2-3), 309-323.
- Z. Saloni, S. Szpakowicz, M. Swidzinski (1990) "The Design of a Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **3**(1), 1-22.
- W. Gruszczynski, K. Laus-Maczynska, M. Rogowska, Z. Saloni, S. Szpakowicz, M. Swidzinski (1990) "The Precision of a Lexicographic Description as a Linguistic Problem" [in Polish]. *Studia Gramatyczne IX*, 135-173.
- S. Matwin, S. Szpakowicz, Z. Koperczak, G. E. Kersten, W. Michalowski (1989) "NEGOPLAN: An Expert System Shell for Negotiation Support". *IEEE Expert*, **4**(4), 50-62.
- G. E. Kersten, W. Michalowski, S. Matwin, S. Szpakowicz (1988) "Representing the Negotiation Process with a Rule-based Formalism". *Theory and Decision*, **25**(3), 225-257.
- D. Skuce, S. Matwin, B. Tazovich, F. Oppacher, S. Szpakowicz (1985) "A Logic-Based Knowledge Source System for Natural Language Documents". *Data and Knowledge Engineering*, **1**, 201-231.
- J. S. Bien, S. Szpakowicz (1982) "Trends in the Programming Language Prolog" [in Polish]. *Studia z Automatyki IX*, PWN [Polish Scientific Publishing House], Poznan, 21-43.
- S. Szpakowicz, M. Swidzinski (1982) "A Simple Dialogue in Polish: Interactive Railway Guide". *Computers and Artificial Intelligence*, **1**(5), Bratislava, 419-425.
- Z. Saloni, S. Szpakowicz, M. Swidzinski (1982) "An Outline of an Idea of a General Basic Dictionary of Contemporary Written Polish" [in Polish]. *Bulletin of Polish Linguistic Society*, **XXXIX**, 131-146.
- S. Szpakowicz, M. Swidzinski (1981) "An Outline of a Classification of Sentence Schemata in Contemporary Written Polish" [in Polish]. *Polonica VII*, Ossolineum, Wroclaw, 5-35.
- S. Szpakowicz, M. Swidzinski (1979) "Programming in Prolog: the Train Timetable System" [in Polish]. *Informatyka*, no. 12, 12-16.
- F. Kluzniak, S. Szpakowicz (1979) "Introduction to PROLOG" [in Polish]. *Informatyka*, no. 4, 10-13.

## B. Papers in refereed conference proceedings

- A. Kennedy, S. Szpakowicz (2012). "Supervised Distributional Semantic Relatedness". *Proc 15th International Conf. on Text, Speech and Dialogue TSD 2012*, Brno, Czech Republic. *Lecture Notes in Artificial Intelligence* nnnn, Springer Verlag, 8 pages, to appear.
- D. Ghazi, D. Inkpen, S. Szpakowicz (2012). "Prior versus Contextual Emotion of a Word in a Sentence". *Proc. 3rd ACL Workshop on Computational Approaches to Subjectivity and Sentiment Analysis*, Jeju, Korea, July 2012, 9 pages, to appear.
- A. Kennedy, A. Kazantseva, D. Inkpen, S. Szpakowicz (2012). "Getting Emotional About News Summarization". D. Inkpen, L. Kosseim (eds.) *Proc. 25th Canadian Conference on Artificial Intelligence*, May 2012, Toronto. *Lecture Notes in Artificial Intelligence* 7310, Springer Verlag, 121-132.
- A. Kazantseva, S. Szpakowicz (2012). "Topical Segmentation: a Study of Human Performance and a New Measure of Quality". *Proc NAACL-HLT 2012*, Montréal, June 2012, 211-220.
- M. Maziarz, M. Piasecki, S. Szpakowicz (2012). "Approching *plWordNet* 2.0". *Proc. 6th Global Wordnet Conference*. Matsue, Japan, 189-196.
- M. Maziarz, M. Piasecki, S. Szpakowicz (2012). "An Implementation of a System of Verb Relations in *plWordNet* 2.0". *Proc. 6th Global Wordnet Conference*. Matsue, Japan, 181-188.
- A. Kazantseva, S. Szpakowicz (2011). "Linear Text Segmentation Using Affinity Propagation". *Proc EMNLP 2011*, Edinburgh, Scotland, July 2011, 284-293.
- A. Kennedy, S. Szpakowicz (2011). "A Supervised Method of Feature Weighting for Measuring Semantic Relatedness". C. Butz, P. Lingras (eds.) *Proc. 24th Canadian Conference on Artificial Intelligence*, St. John's, Nfld. *Lecture Notes in Artificial Intelligence* 6657, Springer Verlag, 222-233.
- R. Kurc, M. Piasecki, S. Szpakowicz (2010). "Automatic Acquisition of Wordnet Relations by Distributionally Supported Morphological Patterns Extracted from Polish Corpora". P. Sojka et al. (eds.), *Proc 13th International Conf. on Text, Speech and Dialogue TSD 2010*, Brno, Czech Republic. *Lecture Notes in Artificial Intelligence* 6231, Springer Verlag, 133-141.
- A. Kennedy, S. Szpakowicz (2010). "Evaluation of a Sentence Ranker for Text Summarization Based on Roget's Thesaurus". P. Sojka et al. (eds.), *Proc 13th International Conf. on Text, Speech and Dialogue TSD 2010*, Brno, Czech Republic. *Lecture Notes in Artificial Intelligence* 6231, Springer Verlag, 101-108.
- I. Hendrickx, S. N. Kim, Z. Kozareva, P. Nakov, D. Ó Séaghdha, S. Padó, M. Pennacchiotti, L. Romano, S. Szpakowicz (2010). "SemEval-2010 Task 8: Multi-Way Classification of Semantic Relations Between Pairs of Nominals" [task details and evaluation]. *Proc. 5th International Workshop on Semantic Evaluation, ACL 2010*, 33-38.
- C. Butnariu, S. N. Kim, P. Nakov, D. Ó Séaghdha, S. Szpakowicz, T. Veale (2010). "SemEval-2 Task 9: The Interpretation of Noun Compounds Using Paraphrasing Verbs and Prepositions" [task details and evaluation]. *Proc. 5th International Workshop on Semantic Evaluation, ACL 2010*, 39-44.
- R. Kurc, M. Piasecki, S. Szpakowicz (2010) "Corpus-Based Extraction of Morpho-Syntactic Patterns for the Automatic Acquisition of Wordnet Relations". *Proc. International Joint Conf. Intelligent Information Systems*, Siedlce, Poland, 77-90.
- D. Ghazi, D. Inkpen, S. Szpakowicz (2010). "Hierarchical versus Flat Classification of Emotions in Text". *Proc. ACL Workshop on Emotion in Text*, Los Angeles, CA, 140-146.
- D. Ghazi, D. Inkpen, S. Szpakowicz (2010). "Hierarchical approach to emotion recognition and classification in texts". A. Farzindar and V. Keselj (eds.), *Proc. 23rd Canadian Conference on Artificial Intelligence*, Ottawa, ON. *Lecture Notes in Artificial Intelligence* 6085, Springer Verlag, 40-50.
- A. Kennedy, S. Szpakowicz (2010). "Toward a Gold Standard for Extractive Text Summarization". A. Farzindar and V. Keselj (eds.), *Proc. 23rd Canadian Conference on Artificial Intelligence*, Ottawa, ON. *Lecture Notes in Artificial Intelligence* 6085, Springer Verlag, 63-74.
- M. Piasecki, S. Szpakowicz, B. Broda (2010). "Toward *plWordNet* 2.0". P. Bhattacharyya, C. Fellbaum, P. Vossen (eds.) *Principles, Construction and Applications of Multilingual Wordnets. Proc. 5th Global Wordnet Conference*. Narosa Publishing House, 263-270.
- I. Hendrickx, S. N. Kim, Z. Kozareva, P. Nakov, D. Ó Séaghdha, S. Padó, M. Pennacchiotti, L. Romano, S. Szpakowicz (2009). "SemEval-2010 Task 8: Multi-Way Classification of Semantic Relations Between Pairs of

- Nominals" [task design]. Eneko Agirre, Lluís Màrquez, Richard Wicentowski (eds.) *Semantic Evaluations: Recent Achievements and Future Directions, an NAACL-HLT 2009 Workshop*, Boulder, Colorado, 94-99.
- C. Butnariu, S. N. Kim, P. Nakov, D. Ó Séaghdha, S. Szpakowicz, T. Veale (2009). "SemEval-2010 Task 9: The Interpretation of Noun Compounds Using Paraphrasing Verbs and Prepositions" [task design]. Eneko Agirre, Lluís Màrquez, Richard Wicentowski (eds.) *Semantic Evaluations: Recent Achievements and Future Directions, an NAACL-HLT 2009 Workshop*, Boulder, Colorado, 100-105.
- B. Broda, M. Piasecki and S. Szpakowicz (2009). "Rank-Based Transformation in Measuring Semantic Relatedness". Y. Gao, N. Japkowicz (eds.), *Proc. 22nd Canadian Conference on Artificial Intelligence*, Kelowna, BC. *Lecture Notes in Artificial Intelligence* 5549, Springer Verlag, 187-190.
- M. Piasecki, B. Broda, M. Marcińczuk and S. Szpakowicz (2009). "The WordNet Weaver: Multi-criteria Voting for Semi-automatic Extension of a Wordnet". Y. Gao, N. Japkowicz (eds.), *Proc. 22nd Canadian Conference on Artificial Intelligence*, Kelowna, BC. *Lecture Notes in Artificial Intelligence* 5549, Springer Verlag, 237-240.
- B. Broda, M. Piasecki, S. Szpakowicz (2008). "Sense-Based Clustering of Polish Nouns in the Extraction of Semantic Relatedness". M. Ganzha, M. Paprzycki, T. Pelech-Pilichowski (eds.), *Proc International Multiconference on Computer Science and Information Technology*, vol. 3 (2008). *3rd International Symposium Advances in Artificial Intelligence and Applications*. October 2008, Wisła, Poland. IEEE Computer Society Press, 83-89.
- M. Piasecki, S. Szpakowicz, M. Marcińczuk, B. Broda (2008). "Classification-based Filtering of Semantic Relatedness in Hypernymy Extraction". Bengt Nordström, Arne Ranta (eds.), *Advances in Natural Language Processing: GoTAL 2008. Lecture Notes in Computer Science / Artificial Intelligence* 5221, Springer Verlag, 393-404.
- M. Derwojedowa, S. Szpakowicz, M. Zawisławska, M. Piasecki (2008). "Lexical units as the centrepiece of a wordnet". *Intelligent Information Systems* 2008, 351-357.
- A. Kennedy, S. Szpakowicz (2008). "Evaluating Roget's Thesauri", *Proc ACL HLT 2008*, Columbus, OH, 416-424.
- M. Hermet, A. Désilets, S. Szpakowicz (2008). "Using the Web as a Linguistic Resource to Automatically Correct Lexico-Syntactic Errors", *LREC 2008*, 874-878.
- B. Broda, M. Derwojedowa, M. Piasecki, S. Szpakowicz (2008). "Corpus-based Semantic Relatedness for the Construction of Polish WordNet", *LREC 2008*, 1800-1807.
- M. Derwojedowa, M. Piasecki, S. Szpakowicz, M. Zawisławska, B. Broda (2008). "Words, Concepts and Relations in the Construction of Polish WordNet". *Proc Fourth Global WordNet Conference*, Szeged, Hungary, January 2008, 162-177.
- S. Aman, S. Szpakowicz (2008). "Using Roget's Thesaurus for Fine-grained Emotion Recognition". *Proc Third International Joint Conf. on Natural Language Processing IJCNLP 2008*, Hyderabad, India, 296-302.
- M. Sokolova, V. Nastase, S. Szpakowicz (2008). "The Telling Tail: Signals of Success in Electronic Negotiation Texts". *Proc Third International Joint Conf. on Natural Language Processing IJCNLP 2008*, Hyderabad, India, 257-264.
- M. Piasecki, S. Szpakowicz, B. Broda (2007). "Extended Similarity Test for the Evaluation of Semantic Similarity Functions". *Proc 3rd Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics*. October 2007, Poznań, Poland, Wydawnictwo Poznańskie Ltd., 519-523.
- A. Kennedy, S. Szpakowicz (2007). "Disambiguating Hypernym Relations for Roget's Thesaurus". V. Matousek, P. Mautner (eds.), *Proc 10th International Conf. on Text, Speech and Dialogue TSD 2007*, Plzeň, Czech Republic, *Lecture Notes in Computer Science* 4629, Springer, 66-75.
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## EDITORIAL ACTIVITIES

*Group Decision and Negotiation*: associate editor (1993-present)

*Group Decision and Negotiation*, **15**(2), special issue on information exchange in negotiations: guest co-editor (with Dr. Nastase)

*Computational Intelligence*, **22**(2), special issue on sentiment analysis: guest co-editor (with Dr. Nastase)

*Language Resources and Evaluation*, special issue on wordnets and relations, guest co-editor (with Drs. Fellbaum, Pedersen, Piasecki)

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## REVIEWING FOR SCIENTIFIC JOURNALS

*Computational Intelligence*

*Computers and Mathematics with Applications*

*Fundamenta Informaticae*

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*Journal of Artificial Intelligence Research*

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*Management Science*

*Web Intelligence and Agent Systems*

*Computational Linguistics*

*Control and Cybernetics*

*Group Decision and Negotiation*

*IEEE Trans. on Knowledge & Data Engineering*

*International Journal of Man-Machine Studies*

*Journal of Intelligent Information Systems*

*Language Resources and Evaluation*

*Software - Practice and Experience*

## PROGRAM COMMITTEES

- *Computational Linguistics for Literature, Workshop at NAACL-HLT 2012, June 2012, co-organizer*
- *Workshop on Relational Models of Semantics RELMS-11 at the 49<sup>th</sup> Annual Meeting of the Association for Computational Linguistics: Human Language Technologies, Portland, Oregon, USA, June 2011, co-organizer*
- *Workshop on text summarization TS11 at Canadian Conference on Artificial Intelligence, Saint John's, May 2011, co-organizer*
- *ACL 2007, 2009-2012*
- *NAACL 2006, 2009, 2010, 2012*
- *EACL 2012*
- *\*SEM 2012*

- *EMNLP 2005, 2007-2011*
- *ACL Workshop on Multiword Expressions 2009-2011*
- *ACL Workshop on Semantic Evaluations 2009-2010*
- *Joint Conference of the 47th Annual Meeting of the ACL and the 4th International Joint Conference on NLP*
- *IJCAI 2009*
- *Computational Linguistics – Applications, 2008-2011*
- *Advances in Artificial Intelligence and Applications, 2007-2011*
- *Workshop on Multi-source, Multilingual Information Extraction and Summarization, 2007, 2008*
- *Intelligent Information Systems, 2006, 2008-2010*
- *Workshop on the Analysis of Information Exchange during Negotiations FINEXIN 2005, **co-chair***
- *Workshop on Crossing Barriers in Text Summarization Research, 2005*
- *Computational Linguistics in the North-East, 2004*
- *ACL-04 Workshop on Text Summarization, 2004, **co-chair***
- *NAACL Workshop on Automatic Summarization, 2003*
- *CSCSI Conference on Artificial Intelligence (Canadian AI), 2002-2012*
- *IASTED Conference on Applied Simulation and Modelling, 2000*
- *SAICSIT'99*
- *AAIAA Special Track at FLAIRS'96*
- *IASTED Conference on Modelling and Simulation, 1994-2008*