

EXTERNALLY AWARDED MAJOR RESEARCH GRANTS AND CONTRACTS

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
2009-2012	MNI ¹	Semi-automatic construction of lexical resources by recognizing semantic relations from morpho-syntactic and semantic data in corpora (with M. Piasecki , B. Broda, M. Głąbska, 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 M. Piasecki , M. Derwojedowa, A. Przepiórkowski, M. Zawislawska)	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 A. Desrochers)	RG	35,000
2002-2006	SSHRC-INE	Electronic Negotiations, Media, and Transactions in Socio-economic Interactions (with G. Kersten , 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 ²
2003-2006	SSHRC-INE	Élaboration d'un didacticiel intelligent pour le développement de compétences en lecture chez les apprenants en langue seconde (with L. Duquette , 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 L. Duquette , C. Barrière, A. Desrochers, D. Forget, J. Liceras, 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 L. Duquette , C. Barrière, A. Desrochers, D. Forget, J. Liceras, S. Matwin)	RG	10,000
2000-2002	CITO	Content Extraction from On-line Documents (with S. Matwin , K. Barker, C. Barrière, R. Holte)	CG	average 67,000
1998-2002	NSERC	Text analysis for knowledge acquisition	RI	19,635 ³

¹ Ministerstwo Nauki i Informatyzacji (Department of Science and Informatization), Poland

² 352,000 in 2003-2006

³ 18,700 in 1998-1999

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
1996-99	NSERC / ThinkTank Technologies	Intelligent information access (with R. Holte , 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 S. Z. Rubin , 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 G. E. Kersten , D. Cray, V. Jog, D. Skuce)	RG	33,910
1991-1995	NSERC (strategic)	Automation and Support of Decisions with Strategic Interactions (with T. Bui, G. Kersten , W. Michalowski, K. Sycara)	RG	≈95,000
1991-1994	NSERC (strategic)	Machine Learning and Text Analysis for Semi-automatic Knowledge Acquisition (with S. Matwin)	RG	73,075
1991-1994	NSERC	Knowledge acquisition from text	RI	15,500
1989-1991	Cognos-OTF	Adaptive modeller support (with S. Matwin and F. Oppacher)	CG	99,000
1988-1991	NSERC	New approaches to knowledge acquisition (with S. Matwin and F. Oppacher)	RG	42,000
1988-1991	URIF	New approaches to knowledge acquisition (with S. Matwin and F. Oppacher)	RG	15,000
1988-1991	Cognos	New approaches to knowledge acquisition (with S. Matwin 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

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	37
Papers in refereed conference proceedings	123
Books written	5
Books edited	2
Refereed book chapters	10
Other book chapters	6
Conference presentations	22
Technical reports	21

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

- 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. Köszegei, S. Szpakowicz (2007) "Content Analysis Through the Machine Learning Mill". *Group Decision and Negotiation*, **16**(4) [an expanded version of Nastase, Köszegei, 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.
- S. Delisle, K. Barker, T. Copeck, S. Szpakowicz (1996) "Interactive Semantic Analysis of Technical Texts", *Computational Intelligence* **12**(2), 273-306.

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

- 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. Tauzovich, 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

- M. Maziarz, M. Piasecki, S. Szpakowicz (2012). "Approching plWordNet 2.0". *Proc. 6th Global Wordnet Conference*. Matsue, Japan, 8 pages, to appear.
- 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, 8 pages, to appear.
- 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. Pełech-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.
- M. Piasecki, S. Szpakowicz, B. Broda (2007). "Automatic Selection of Heterogeneous Syntactic Features in Semantic Similarity of Polish Nouns". 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, 99-106.
- S. Aman, S. Szpakowicz (2007). "Identifying Expressions of Emotion in Text". 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, 196-205.
- R. Girju, P. Nakov, V. Nastase, S. Szpakowicz, P. Turney, D. Yuret (2007). "SemEval-2007 Task 04: Classification of Semantic Relations between Nominals". *Proc SemEval-2007 Workshop at ACL-2007*, Prague, 13-18.
- M. Derwojedowa, M. Piasecki, S. Szpakowicz, M. Zawisławska (2007). "Polish WordNet on a Shoestring". G. Rehm, A. Witt, L. Lemnitzer (eds.) *Proc Biannual Conference of the Society for Computational Linguistics and Language Technology*, Tübingen, 169-178.
- M. Sokolova, N. Japkowicz, S. Szpakowicz (2006). "Beyond Accuracy, F-score and ROC: a Family of Discriminant Measures for Performance Evaluation" [a version of the AAI 06 workshop paper]. *AI 06: Advances in Artificial Intelligence*. Hobart, Australia. *Lecture Notes in Computer Science* **4304**, Springer, Berlin/Heidelberg, 1015-1021.
- A. Kazantseva, S. Szpakowicz (2006). "Challenges in Evaluating Summaries of Short Stories". *Proc COLING-ACL 2006 Workshop on Task-Focused Summarization and Question Answering*, Sydney, 8-15.

- M. Hermet, S. Szpakowicz (2006). "Symbolic Assessment of Free-Text Answers in a Second-Language Tutoring System". M. Danson (ed.) *Proc 10th International CAA Conference*, July 2006, Loughborough University, Leicestershire, UK, 225-235.
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H. Other contributions

- S. Szpakowicz (2010), "Failure is an Orphan (Let's Adopt)", *Computational Linguistics*, **36**(1), 157-158.
- V. Nastase, S. Szpakowicz (2006) "Word from the Guest Editors". *Computational Intelligence* **22**(2), 69-72.

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)

Journal of Natural Language Engineering, special issue on computational approaches to the semantics of noun compounds, guest co-editor (with Drs. Bond, Kim, Nakov)

Journal of Interesting Negative Results in Natural Language Processing and Machine Learning <www.jinr.org>, co-editor (2008-present)

PROGRAM COMMITTEES

- *Workshop on Relational Models of Semantics RELMS-11 at the 49th 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, 2009-2011*
- *NAACL 2006, 2009, 2010*
- *EACL 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*

REVIEWING FOR SCIENTIFIC JOURNALS

Computational Intelligence

Computers and Mathematics with Applications

Fundamenta Informaticae

IEEE Expert

INFOR

Journal of Artificial Intelligence Research

Journal of the American Society for Information Science and Technology

Journal of Natural Language Engineering

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

Journal of Intelligent Information Systems and Technology

Language Resources and Evaluation

Software - Practice and Experience

