

CURRICULUM VITAE

PERSONAL DATA AND EDUCATION

NAME: Stan SZPAKOWICZ

DEPARTMENT: School of Electrical Engineering and Computer Science RANK: Emeritus Professor

DEGREE	INSTITUTION	LOCATION	YEAR
DSc* in Computer Science	Institute of Computer Science, Polish Academy of Sciences	Warsaw, Poland	2013
PhD in Computer Science	Warsaw University	Warsaw, Poland	1978
MSc in Applied Mathematics	Warsaw University	Warsaw, Poland	1970

ACADEMIC AND RESEARCH EXPERIENCE

Positions held	Institution	Dates
emeritus professor	School of Electrical Engineering and Computer Science, University of Ottawa	July 2013 -
professor	School of Electrical Engineering and Computer Science, University of Ottawa	fall 2011 - June 2013
foreign associate	Institute of Computer Science, Polish Academy of Sciences	April 2005 - February 2014
visiting professor	Department of Computer Science, University of Waikato	July 1998 - June 1999
professor	School of Information Technology and Engineering, University of Ottawa	May 1997 - fall 2011
adjunct research professor	Institute of Cognitive Science, Carleton University	July 1996 - June 2017
adjunct professor	School of Business, Carleton University	July 1994 - June 2000
professor	Department of Computer Science, University of Ottawa	May 1994 - April 1997
visiting professor	Computer Science Department, University of the Witwatersrand	July 1990 - June 1991
associate professor	Department of Computer Science, University of Ottawa	July 1985 - April 1994
visiting assistant professor	Department of Computer Science, University of Kentucky	August 1984 - June 1985
research associate	Department of Computer Science, University of Ottawa	June 1984 - August 1984
senior software engineer	Computing Centre, Institute of Informatics, Warsaw University	February 1983 - June 1984
assistant professor	Institute of Informatics, Warsaw University	December 1978 - February 1983
lecturer and research assistant	Institute of Informatics, Warsaw University	October 1970 - December 1978

* habilitation

EXTERNALLY AWARDED MAJOR RESEARCH GRANTS AND CONTRACTS

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
2012-2018	NSERC	Making Sense of Semantic Relations	RI	14,000
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. 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 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	11,666
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

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

² 352,000 in 2003-2006

YEARS	AGENCY	TITLE OF PROJECT	TYPE	AMOUNT PER YEAR
1998-2002	NSERC	Text analysis for knowledge acquisition	RI	19,635 ³
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

³ 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	8		2
(B) MASTER'S THESES	18	-	-
(C) POSTDOCTORAL FELLOWS	8		

The detailed list

(does not include 3 MSc students in Poland)

Diman Ghazi (PhD), "Identifying Expressions of Emotions and Their Stimuli in Text", Jan. 2009-Dec. 2015 (co-supervisor: Dr. Diana Inkpen)

Anna Kazantseva (PhD), "Topical structure in long informal documents", Jan. 2007-Sep. 2014

Alistair Kennedy (PhD), "Automatic Supervised Thesauri Construction with Roget's Thesaurus", Jan. 2007-Dec. 2012

Richard Keelan (MCS), "Lexical Aspectual Classification", Sep. 2009-June 2012

Viviana Nastase (postdoctoral), analyzing the language of negotiation, Dec. 2003-Mar. 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-Feb. 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

Lois 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", Sep. 1998-Dec. 2003

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

Yllias Chali (postdoctoral), intelligent information access, Mar. 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	42
Papers in refereed conference proceedings	143
Books written	6
Books edited	2
Refereed book chapters	12
Other book chapters	6
Conference presentations	22
Technical reports	21

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

- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz (2015). "The system of register labels in plWordNet". *Cognitive Studies / Études Cognitives*, **15**, 161-175.
- Alistair Kennedy, Stan Szpakowicz (2014). "Evaluation of Automatic Updates of Roget's Thesaurus". *Journal of Language Modelling* **2**(1), <http://nlp.ipipan.waw.pl/ojs/index.php/JLM/article/view/78>, 1-49.
- Diman Ghazi, Diana Inkpen, Stan Szpakowicz (2014). "Prior and Contextual Emotion of Words in Sentential Context". *Computer Speech and Language* **28**(1), <http://dx.doi.org/10.1016/j.csl.2013.04.009>, 76-92.
- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz (2013). "The chicken-and-egg problem in wordnet design: synonymy, synsets and constitutive relations". *Language Resources and Evaluation* **47**(3), DOI 10.1007/s10579-012-9209-9, 769-796.
- Marek Maziarz, Stan Szpakowicz, Maciej Piasecki (2012). "Semantic Relations among Adjectives in Polish WordNet 2.0: A New Relation Set, Discussion and Evaluation", *Cognitive Studies / Études Cognitives*, **12**, 149-179.
- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz, Joanna Rabięga-Wiśniewska (2011). "Semantic Relations among Nouns in Polish WordNet Grounded in Lexicographic and Semantic Tradition", *Cognitive Studies / Études Cognitives*, **11**, 161-181.
- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz, Joanna Rabięga-Wiśniewska, Bożena Hojka (2011). "Semantic Relations Between Verbs in Polish Wordnet 2.0", *Cognitive Studies / Études Cognitives*, **11**, 183-200.
- Bartosz Broda, Maciej Piasecki, Stan 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.
- Anna Kazantseva, Stan Szpakowicz (2010). "Summarizing Short Stories", *Computational Linguistics*, **36**(1), 71-109.
- Vivi Nastase, Stan Szpakowicz (2009). "The Same Semantic Relations Link Structurally Different Realizations of Concepts", *Linguistic Issues in Language Technology*, **2**(3), 1-45.
- Roxana Girju, Preslav Nakov, Vivi Nastase, Stan Szpakowicz, Peter Turney, Deniz Yuret (2009). "Classification of Semantic Relations between Nominals", *Language Resources and Evaluation*, **43**(2), 105-121.
- Marina Sokolova, Stan Szpakowicz (2007). "Strategies and Language Trends in Learning Success and Failure of Negotiation", *Group Decision and Negotiation*, **16**(5), 469-484.
- Vivi Nastase, Sabine Köszegi, Stan 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.

* The lifetime **h-index** value of my publications, according to Google Scholar Citations, is **29**. The **i10-index** value is **73**.

- Marina Sokolova, Mohak Shah, Stan 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.
- Mohak Shah, Marina Sokolova, Stan Szpakowicz (2006). "Process-Specific Information for Learning E-negotiation Outcomes", *Fundamenta Informaticae*, **74**(2-3), 351-373.
- Ken Barker, Terry Copeck, Sylvain Delisle, Stan Szpakowicz (1997). "Systematic Construction of a Versatile Case System", *J. Natural Language Engineering*, **3**(4), 279-315.
- Terry Copeck, Ken Barker, Sylvain Delisle, Stan Szpakowicz, Jean-François Delannoy (1997). "What is Technical Text?", *Language Sciences*, **19**(4), 391-424.
- Gregory E. Kersten, Stan Szpakowicz (1997). "A Formal Account of Sequential Decision-Making in a Co-Operative Setting", *Fundamenta Informaticae*, **30**(3/4), 269-282.
- Sylvain Delisle, Ken Barker, Terry Copeck, Stan Szpakowicz (1996). "Interactive Semantic Analysis of Technical Texts", *Computational Intelligence* **12**(2), 273-306.
- Gregory E. Kersten, Stan Szpakowicz (1995). "Forming Decision Making Skills with a Patient Simulator", *Control and Cybernetics*, **24**(3), 301-326.
- Marek Świdziński, Stanisław Szpakowicz (1994). "Sentence Schemata for the Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **7**(1), 1-30.
- Gregory E. Kersten, Stan Szpakowicz (1994). "Decision Making and Decision Aiding: Defining the Process, Its Representations, and Support". *Group Decision and Negotiation*, **3**(2), 237-261.
- Marek Świdziński, Stanisław Szpakowicz (1993). "Non-typical Linguistic Phenomena in the Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **6**(4), 223-251.
- Zbig Koperczak, Stan Matwin, Stan 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.
- Stan Matwin, Stan Szpakowicz (1992). "Machine Learning Techniques in Knowledge Acquisition from Text". *THINK*, **1**(2), 37-50.
- Gregory E. Kersten, Wojtek Michałowski, Stan Szpakowicz, Zbig Koperczak (1991). "Restructurable Representations of Negotiation". *Management Science*, **37**(10), 1269-1290.
- Wojtek Michałowski, Gregory E. Kersten, Zbig Koperczak, Stan Szpakowicz (1991). "Disaster Management with NEGOPLAN". *Expert Systems with Applications*, **2**(2-3), 107-120.
- Stanisław Szpakowicz, Marek Świdziński (1990). "A Formal Definition of the Co-ordinate Nominal Group in Contemporary Written Polish" [in Polish]. *Studia Gramatyczne IX*, Wrocław–Warszawa–Kraków, Zakład Narodowy im. Ossolińskich, The Polish Academy of Sciences, 9-54.
- Stan Szpakowicz (1990). "Semi-Automatic Acquisition of Conceptual Structure from Technical Texts". *Int. J. of Man-Machine Studies*, **33**, 385-397.
- Gregory E. Kersten, Stan Szpakowicz, Zbig Koperczak (1990). "Modelling of Decision Making for Discrete Processes in Dynamic Environments". *Computers and Mathematics with Applications*, **20**(9/10), 29-43.
- Gregory E. Kersten, Stan Szpakowicz (1990). "Rule-based Formalism and Preference Representation: an Extension of NEGOPLAN". *European J. of Operational Research*, **45**(2-3), 309-323.
- Zygmunt Saloni, Stanisław Szpakowicz, Marek Świdziński (1990). "The Design of a Universal Basic Dictionary of Contemporary Polish". *Int. J. of Lexicography*, **3**(1), 1-22.
- Włodzimierz Gruszczyński, Krystyna Laus-Mączyńska, Maria Rogowska, Zygmunt Saloni, Stanisław Szpakowicz, Marek Świdziński (1990). "The Precision of a Lexicographic Description as a Linguistic Problem" [in Polish]. *Studia Gramatyczne IX*, 135-173.
- Stan Matwin, Stan Szpakowicz, Zbig Koperczak, Gregory E. Kersten, Wojtek Michałowski (1989). "NEGOPLAN: An Expert System Shell for Negotiation Support". *IEEE Expert*, **4**(4), 50-62.
- Gregory E. Kersten, Wojtek Michałowski, Stan Matwin, Stan Szpakowicz (1988). "Representing the Negotiation Process with a Rule-based Formalism". *Theory and Decision*, **25**(3), 225-257.
- Doug Skuce, Stan Matwin, Branka Tauzovich, Franz Oppacher, Stan Szpakowicz (1985). "A Logic-Based Knowledge Source System for Natural Language Documents". *Data and Knowledge Engineering*, **1**, 201-231.

- Janusz S. Bień, Stanisław Szpakowicz (1982). "Trends in the Programming Language Prolog" [in Polish]. *Studia z Automatyki IX*, PWN [Polish Scientific Publishing House], Poznan, 21-43.
- Stanisław Szpakowicz, Marek Świdziński (1982). "A Simple Dialogue in Polish: Interactive Railway Guide". *Computers and Artificial Intelligence*, 1(5), Bratislava, 419-425.
- Zygmunt Saloni, Stanisław Szpakowicz, Marek Świdziński (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.
- Stanisław Szpakowicz, Marek Świdziński (1981). "An Outline of a Classification of Sentence Schemata in Contemporary Written Polish" [in Polish]. *Polonica VII*, Ossolineum, Wrocław, 5-35.
- Stanisław Szpakowicz, Marek Świdziński (1979). "Programming in Prolog: the Train Timetable System" [in Polish]. *Informatyka*, no. 12, 12-16.
- Feliks Kluźniak, Stanisław Szpakowicz (1979). "Introduction to PROLOG" [in Polish]. *Informatyka*, no. 4, 10-13.

B. Papers in refereed conference proceedings

- Haifa Alharthi, Diana Inkpen, Stan Szpakowicz (2017). Unsupervised Topic Modelling in a Book Recommender System for New Users. *Proc. 40th International ACM SIGIR Conference, Workshop on eCommerce ECOM'17*, Tokyo, to appear (9 pages).
- Vaibhav Kesarwani, Diana Inkpen, Stan Szpakowicz, Chris Tanasescu (2017). "Metaphor Detection in a Poetry Corpus". *Proc. Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature*, Vancouver, BC, 1-9.
- Marek Maziarz, Maciej Piasecki, Ewa Rudnicka, Stan Szpakowicz, Paweł Kędzia (2016). "plWordNet 3.0 -- a Comprehensive Lexical-Semantic Resource". *Proc. Coling 2016, the 26th International Conference on Computational Linguistics: Technical Papers*, Osaka, 2259–2268.
- Maciej Piasecki, Stan Szpakowicz, Marek Maziarz, Ewa Rudnicka (2016). "plWordNet 3.0 -- Almost There". *Proc. 8th International Global Wordnet Conference*, 290-299.
- Marek Maziarz, Stan Szpakowicz, Michał Kaliński (2016). "Adverbs in plWordNet: Theory and Implementation". *Proc. 8th International Global Wordnet Conference*, 209-217.
- Marek Maziarz, Stan Szpakowicz, Maciej Piasecki (2015). "A procedural definition of multi-word lexical units". *Proc. Recent Advances in Natural Language Processing, RANLP 2015*, Hissar, Bulgaria, 427-435.
- Monika Zaśko-Zielińska, Maciej Piasecki, Stan Szpakowicz (2015). "A Large Wordnet-based Sentiment Lexicon for Polish". *Proc. Recent Advances in Natural Language Processing, RANLP 2015*, Hissar, Bulgaria, 721-730.
- Diman Ghazi, Diana Inkpen, Stan Szpakowicz (2015). "Detecting Emotion Stimuli in Emotion-Bearing Sentences". *Proc. 16th International Conference on Intelligent Text Processing and Computational Linguistics CICLing 2015*, Cairo, Egypt, 152-165.
- Anna Kazantseva, Stan Szpakowicz (2014). "Hierarchical Topical Segmentation with Affinity Propagation", *Proc. Coling 2014*, Dublin, Ireland, 37-47.
- Anna Kazantseva, Stan Szpakowicz (2014). "Measuring Lexical Cohesion: Beyond Word Repetition", *Proc. Coling 2014*, Dublin, Ireland, 476-485.
- Marta Dobrowolska, Stan Szpakowicz (2014). "Terminology in WordNet and in plWordNet". *Proc. 7th International Global Wordnet Conference*, 299-303.
- Marek Maziarz, Maciej Piasecki, Ewa Rudnicka, Stan Szpakowicz (2014). "plWordNet as the Cornerstone of a Toolkit of Lexico-semantic Resources". *Proc. 7th International Global Wordnet Conference*, 304-312.
- Marek Maziarz, Maciej Piasecki, Ewa Rudnicka, Stan Szpakowicz (2014). "Registers in the System of Semantic Relations in plWordNet". *Proc. 7th International Global Wordnet Conference*, 330-337.
- Marek Maziarz, Maciej Piasecki, Ewa Rudnicka, Stan Szpakowicz (2013). "Beyond the transfer-and-merge wordnet construction: plWordNet and a comparison with WordNet". *Proc. RANLP 2013*, Hissar, Bulgaria, 443-452.
- Iris Hendrickx, Zori Kozareva, Preslav Nakov, Diarmuid Ó Séaghdha, Stan Szpakowicz, Tony Veale (2013). "SemEval-2013 Task 4: Free Paraphrases of Noun Compounds". *Second Joint Conference on Lexical and Computational Semantics *SEM, Vol. 2: Seventh International Workshop on Semantic Evaluation SemEval 2013*, 138–143.

- Ewa Rudnicka, Marek Maziarz, Maciej Piasecki, Stan Szpakowicz (2012). "A strategy of Mapping Polish WordNet onto Princeton WordNet". 24th International Conf. on Computational Linguistics COLING 2012, Mumbai, India, 1039-1048.
- Alistair Kennedy, Stan Szpakowicz (2012). "Supervised Distributional Semantic Relatedness". P. Sojka et al. (eds.) *Proc 15th International Conf. on Text, Speech and Dialogue TSD 2012*, Brno, Czech Republic. *Lecture Notes in Artificial Intelligence* 7499, Springer Verlag, 207-214.
- Diman Ghazi, Diana Inkpen, Stan 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, 70-78.
- Alistair Kennedy, Anna Kazantseva, Diana Inkpen, Stan 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.
- Anna Kazantseva, Stan Szpakowicz (2012). "Topical Segmentation: a Study of Human Performance and a New Measure of Quality". *Proc NAACL-HLT 2012*, Montréal, June 2012, 211-220.
- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz (2012a). "Approaching *plWordNet* 2.0". *Proc. 6th Global Wordnet Conference*. Matsue, Japan, 189-196.
- Marek Maziarz, Maciej Piasecki, Stan Szpakowicz (2012b). "An Implementation of a System of Verb Relations in *plWordNet* 2.0". *Proc. 6th Global Wordnet Conference*. Matsue, Japan, 181-188.
- Anna Kazantseva, Stan Szpakowicz (2011). "Linear Text Segmentation Using Affinity Propagation". *Proc EMNLP 2011*, Edinburgh, Scotland, July 2011, 284-293.
- Alistair Kennedy, Stan 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.
- Roman Kurc, Maciej Piasecki, Stan Szpakowicz (2010a). "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.
- Alistair Kennedy, Stan Szpakowicz (2010a). "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.
- Iris Hendrickx, Su Nam Kim, Zori Kozareva, Preslav Nakov, Diarmuid Ó Séaghdha, Sebastian Padó, Marco Pennacchiotti, Lorenza Romano, Stan 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.
- Cristina Butnariu, Su Nam Kim, Preslav Nakov, Diarmuid Ó Séaghdha, Stan Szpakowicz, Tony 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.
- Roman Kurc, Maciej Piasecki, Stan Szpakowicz (2010b). "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.
- Diman Ghazi, Diana Inkpen, Stan Szpakowicz (2010a). "Hierarchical versus Flat Classification of Emotions in Text". *Proc. ACL Workshop on Emotion in Text*, Los Angeles, CA, 140-146.
- Diman Ghazi, Diana Inkpen, Stan Szpakowicz (2010b). "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.
- Alistair Kennedy, Stan Szpakowicz (2010b). "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.
- Maciej Piasecki, Stan Szpakowicz, Bartosz 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.

- Iris Hendrickx, Su Nam Kim, Zori Kozareva, Preslav Nakov, Diarmuid Ó Séaghdha, Sebastian Padó, Marco Pennacchiotti, Lorenza Romano, Stan 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.
- Cristina Butnariu, Su Nam Kim, Preslav Nakov, Diarmuid Ó Séaghdha, Stan Szpakowicz, Tony 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.
- Bartosz Broda, Maciej Piasecki and Stan 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.
- Maciej Piasecki, Bartosz Broda, Michał Marcińczuk and Stan 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.
- Bartosz Broda, Maciej Piasecki, Stan 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.
- Maciej Piasecki, Stan Szpakowicz, Michał Marcińczuk, Bartosz Broda (2008). "Classification-based Filtering of Semantic Relatedness in Hypernymy Extraction". Bengt Nordström, Aarne Ranta (eds.), *Advances in Natural Language Processing: GoTAL 2008. Lecture Notes in Computer Science / Artificial Intelligence* **5221**, Springer Verlag, 393-404.
- Magdalena Derwojedowa, Stan Szpakowicz, Magdalena Zawisławska, Maciej Piasecki (2008). "Lexical units as the centrepiece of a wordnet". *Intelligent Information Systems* 2008, 351-357.
- Alistair Kennedy, Stan Szpakowicz (2008). "Evaluating Roget's Thesauri", *Proc ACL HLT 2008*, Columbus, OH, 416-424.
- Matthieu Hermet, Alain Désilets, Stan Szpakowicz (2008). "Using the Web as a Linguistic Resource to Automatically Correct Lexico-Syntactic Errors", *LREC 2008*, 874-878.
- Bartosz Broda, Magdalena Derwojedowa, Maciej Piasecki, Stan Szpakowicz (2008). "Corpus-based Semantic Relatedness for the Construction of Polish WordNet", *LREC 2008*, 1800-1807.
- Magdalena Derwojedowa, Maciej Piasecki, Stan Szpakowicz, Magdalena Zawisławska, Bartosz Broda (2008). "Words, Concepts and Relations in the Construction of Polish WordNet". *Proc Fourth Global WordNet Conference*, Szeged, Hungary, January 2008, 162-177.
- Saima Aman, Stan 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.
- Marina Sokolova, Vivi Nastase, Stan 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.
- Maciej Piasecki, Stan Szpakowicz, Bartosz Broda (2007a). "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.
- Alistair Kennedy, Stan 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.
- Maciej Piasecki, Stan Szpakowicz, Bartosz Broda (2007b). "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.
- Saima Aman, Stan 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.
- Roxana Girju, Preslav Nakov, Vivi Nastase, Stan Szpakowicz, Peter Turney, Deniz Yuret (2007). "SemEval-2007 Task 04: Classification of Semantic Relations between Nominals". *Proc SemEval-2007 Workshop at ACL-2007*, Prague, 13-18.
- Magdalena Derwojedowa, Maciej Piasecki, Stan Szpakowicz, Magdalena 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.
- Marina Sokolova, Nathalie Japkowicz, Stan 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.
- Anna Kazantseva, Stan Szpakowicz (2006). "Challenges in Evaluating Summaries of Short Stories". *Proc COLING-ACL 2006 Workshop on Task-Focused Summarization and Question Answering*, Sydney, 8-15.
- Matthieu Hermet, Stan 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.
- Marina Sokolova, Nathalie Japkowicz, Stan Szpakowicz (2006). "Beyond Accuracy, F-score and ROC: Yet Another Family of Performance Evaluation Measures". *Proc AAI 2006 Workshop on Evaluation Methods for Machine Learning*, Boston, July 2006, 24-29 [see also *Proc AI 06*, Hobart].
- Vivi Nastase, Jelber Sayyad-Shirabad, Marina Sokolova, Stan Szpakowicz (2006). "Learning Noun-Modifier Semantic Relations with Corpus-based and WordNet-based Features". *Proc Twenty-First National Conference on Artificial Intelligence (AAAI-06)*, July 2006, Boston, 781-787.
- Vivi Nastase, Stan Szpakowicz (2006a). "A Study of Two Graph Algorithms in Topic-driven Summarization". *Proc TextGraphs 2006*, workshop at NAACL 2006, New York, 29-32.
- Vivi Nastase, Stan Szpakowicz (2006b). "Matching syntactic-semantic graphs for semantic relation assignment". *Proc TextGraphs 2006*, workshop at NAACL 2006, New York, 81-88.
- Marina Sokolova, Stan Szpakowicz (2006). "Language Patterns in the Learning of Strategies from Negotiation Texts". *Proc 19th Conf of the CSCSI, AI 2006*, Québec City. *Lecture Notes in Artificial Intelligence* 4013, Springer, Berlin/Heidelberg, 288-299.
- Matthieu Hermet, Stan Szpakowicz, Lise Duquette (2006). "Automated Analysis of Students' Free-text Answers for Computer-Assisted Assessment". P. Mertens, C. Fairon, A. Dister, P. Watrin (eds.) *Proc "Integrating NLP and CALL"*, workshop at TALN 2006, April, Louvain, Belgium, 835-845.
- Marina Sokolova, Vivi Nastase, Mohak Shah, Stan Szpakowicz (2005). "Feature Selection for Electronic Negotiation Texts", *Proc RANLP 2005, Conf on Recent Advances in Natural Language Processing*, Borovets, Bulgaria, September 2005, 518-524.
- Asad B. Sayeed, Stan Szpakowicz (2005). "Estimating Grammaticality from a Small Corpus", *Proc RANLP 2005, Conf on Recent Advances in Natural Language Processing*, Borovets, Bulgaria, September 2005, 478-484.
- Marina Sokolova, Mohak Shah, Stan Szpakowicz (2005). "Comparative analysis of text data in successful face-to-face and electronic negotiations". *Proc FINEXIN 2005, Workshop on the Analysis of Informal and Formal Information Exchange during Negotiations*, Ottawa, Ontario, 31-42.
- Vivi Nastase, Sabine Koeszegi, Stan Szpakowicz (2005). "Content Analysis Through the Machine Learning Mill", *Proc GDN 2005*, Vienna, July 10-13, 9 pages (on CD-ROM).
- Marina Sokolova, Stan Szpakowicz (2005). "Analysis and Classification of Strategies in Electronic Negotiations". *Proc 18th Conf of the CSCSI, AI 2005*, Victoria, BC, *Lecture Notes in Artificial Intelligence* 3501, Springer, Berlin/Heidelberg, 145-157.

- Vivi Nastase, Stan Szpakowicz (2005). "Customisable Semantic Analysis of Texts". A. Gelbukh (ed.) *Computational Linguistics and Intelligent Text Processing. CICLing 2005*, Mexico, February 2005. *Lecture Notes in Computer Science* **3406**, 312-323, Springer-Verlag Berlin Heidelberg.
- Mohak Shah, Marina Sokolova, Stan Szpakowicz (2004). "The Role of Domain-Specific Knowledge in Classifying the Language of E-negotiations", *Proc ICON 2004, International Conference on Natural Language Processing*, Hyderabad, India, 99-108.
- Marina Sokolova, Vivi Nastase, Stan Szpakowicz (2004). "Language in Electronic Negotiations: Patterns in Completed and Uncompleted Negotiations", *Proc ICON 2004, International Conference on Natural Language Processing*, Hyderabad, India, 142-151.
- Asad B. Sayeed, Stan Szpakowicz (2004). "Developing a Minimalist Parser for Free Word Order Languages with Discontinuous Constituency". José Luis Vicedo, Patricio Martínez-Barco, Rafael Muñoz (eds.) *Advances in Natural Language Processing: Proc 4th International Conference, EsTAL 2004*, Alicante, Spain. *Lecture Notes in Computer Science* **3230**, Springer-Verlag Heidelberg, 115-122.
- Alain Desrochers, Lise Duquette, Stan Szpakowicz (2004). "Adaptive Courseware for Reading Comprehension in French as a Second Language: The Challenges of Multidisciplinarity in CALL". *Proc 11th International CALL Conference*, Antwerp, 85-91.
- Terry Copeck, Stan Szpakowicz (2004). "Vocabulary Usage in Newswire Summaries", *Proc ACL-04 Workshop on Text Summarization*, Barcelona, 19-26.
- Marina Sokolova, Stan Szpakowicz, Vivi Nastase (2004). "Using Language to Determine Success in Negotiations: A Preliminary Study". *Proc 17th Conf of the CSCSI, AI 2004*, London, Ontario, *Lecture Notes in Artificial Intelligence* **3060**, Springer, Berlin/Heidelberg, 449-453.
- Loïs Rigouste, Stan Szpakowicz, Nathalie Japkowicz, Terry Copeck (2004). "An Automatic Evaluation Framework for Improving a Configurable Text Summarizer". *Proc 17th Conf of the CSCSI, AI 2004*, London, Ontario, *Lecture Notes in Artificial Intelligence* **3060**, Springer, Berlin/Heidelberg, 529-533.
- Mario Jarmasz, Stan Szpakowicz (2003a). "Roget's Thesaurus and Semantic Similarity". *Proc Conf on Recent Advances in Natural Language Processing RANLP 2003*, Bulgaria, September 2003, 212-219.
- Mario Jarmasz, Stan Szpakowicz (2003b). "Not As Easy As It Seems: Automating the Construction of Lexical Chains Using Roget's Thesaurus". *Proc 16th Conf of the CSCSI, AI 2003*, Halifax, June 2003, 544-549.
- Vivi Nastase, Stan Szpakowicz (2003a). "Exploring Noun-Modifier Semantic Relations". *Proc Fifth Int Workshop on Computational Semantics IWCS-5*, Tilburg, The Netherlands, January 2003, 285-301.
- Vivi Nastase, Stan Szpakowicz (2003b). "Augmenting WordNet's Structure Using LDOCE". A. Gelbukh (ed.) *Computational Linguistics and Intelligent Text Processing. CICLing 2003*, Mexico, February 2003. *Lecture Notes in Computer Science* **2588**, Springer Verlag, 281-294.
- Terry Copeck, Nathalie Japkowicz, Stan Szpakowicz (2002). "Text Summarization as Controlled Search". R. Cohen, B. Spencer (eds.), *Proc 15th Conf of the CSCSI, AI 2002*, Calgary, May 2002. *Lecture Notes in Artificial Intelligence* **2338**, Springer Verlag, 268-280.
- Vivi Nastase, Stan Szpakowicz (2001a). "Unifying Semantic Relations Across Syntactic Levels". *Proc Conf on Recent Advances in Natural Language Processing RANLP 2001*, Bulgaria, September 2001, 194-198.
- Mario Jarmasz, Stan Szpakowicz (2001a). "The Design and Implementation of an Electronic Lexical Knowledge Base". *Proc 14th Conf of the CSCSI, AI 2001*, Ottawa, June 2001, 325-334.
- Vivi Nastase, Stan Szpakowicz (2001b). "Word Sense Disambiguation in Roget's Thesaurus Using WordNet". *NAACL Workshop "WordNet and Other Lexical Resources"*, Pittsburgh, June 2001, 17-22.
- Mario Jarmasz, Stan Szpakowicz (2001b). "Roget's Thesaurus: a Lexical Resource to Treasure". *NAACL Workshop "WordNet and Other Lexical Resources"*, Pittsburgh, June 2001, 186-188.
- Sylvain Delisle, Elizabeth Scarlett, Stan Szpakowicz (2000). "Theory-Neutral Parser Engineering". *ROMAND 2000, 1st workshop on ROBust Methods in Analysis of Natural language Data*, Lausanne, Oct. 2000, 17-29.
- Terry Copeck, Ken Barker, Sylvain Delisle, Stan Szpakowicz (2000). "Automating the Measurement of Linguistic Features to Help Classify Texts as Technical". *TALN-2000, Actes de la Septième Conférence Annuelle sur le Traitement Automatique des Langues Naturelles*, Lausanne, Oct. 2000, 101-110.

- Elizabeth Scarlett, Stan Szpakowicz (2000). "The Power of the TSNLP: Lessons from a Diagnostic Evaluation of a Broad-Coverage Parser". H. Hamilton (ed.), *Advances in Artificial Intelligence. Proc 13th Biennial Conf of the CSCSI, AI 2000. Lecture Notes in Artificial Intelligence 1822*, Springer Verlag, Montreal, May 2000, 138-150.
- Yllias Chali, Stan Matwin, Stan Szpakowicz (1999). "Query-Biased Text Summarization as a Question-Answering Technique". *Proc AAAI Fall Symposium Workshop on Question-Answering Systems*. Cape Cod, Massachusetts, November 1999, 52-56.
- Terry Copeck, Ken Barker, Sylvain Delisle, Stan Szpakowicz (1999). "More Alike than Not—An Analysis of Word Frequencies in Four General-Purpose Text Corpora". *Proc Fourth Conf Pacific Association for Computational Linguistics*. Waterloo, 282-287.
- Ken Barker, Stan Szpakowicz (1998). "Semi-Automatic Recognition of Noun Modifier Relationships". *Proc Joint COLING-ACL Conf*, Montreal, August 1998, 96-102.
- Gregory E. Kersten, Stan Szpakowicz (1998). "Modelling business negotiations for electronic commerce". *VII International Symposium on Intelligent Information Systems*, Malbork, Poland, June 1998, 17-28.
- Ken Barker, Sylvain Delisle, Stan Szpakowicz (1998). "Test-driving TANKA: Evaluating a semi-automatic system of text analysis for knowledge acquisition". R. Mercer, E. Neufeld (eds.), *Advances in Artificial Intelligence. Proc 12th Biennial Conf of the CSCSI, AI'98. Lecture Notes in Artificial Intelligence 1418*, Springer Verlag, Vancouver, June 1998, 60-71.
- Jean-François Delannoy, Ken Barker, Terry Copeck, Martin Laplante, Stan Matwin, Stan Szpakowicz (1998). "Flexible Summarization". *AAAI Spring Symposium Workshop on Intelligent Text Summarization*. Stanford, March, 1998, 93-100.
- Sylvain Delisle, Stan Szpakowicz (1997). "Extraction of Predicate-Argument Structures from Texts". *Proc Conf on Recent Advances in Natural Language Processing RANLP97*, Bulgaria, September 1997, 318-323.
- Sunil J. Noronha, Stan Szpakowicz (1996a). "Forest Fire Management with Negoplan". Z. W. Ras and M. Michalewicz (eds.), *Foundations of Intelligent Systems*, Proc 9th International Symposium on Methodologies for Intelligent Systems ISMIS'96, Zakopane, Poland, June 1996, Lecture Notes in Artificial Intelligence 1079, Springer-Verlag, 479-490.
- Sunil J. Noronha, Stan Szpakowicz (1996b). "Negoplan: A System for Logic-Based Decision Modelling". G. McCalla (ed.), *Advances in Artificial Intelligence, Proc 11th Biennial Conf of the CSCSI, AI'96*, Toronto, May 1996. Lecture Notes in Artificial Intelligence 1081, Springer-Verlag, 417-428.
- Xiaobin Li, Stan Szpakowicz, Stan Matwin (1995). "A WordNet-based Algorithm for Word Sense Disambiguation". *Proc IJCAI-95*, 1368-1374.
- Ken Barker, Stan Szpakowicz (1995). "Interactive Semantic Analysis of Clause-Level Relationships", *Proc Second Conf of the Pacific Association for Computational Linguistics PACLING'95*, 22-30.
- Sylvain Delisle, Stan Szpakowicz (1995). "Realistic Parsing: Practical Solutions of Difficult Problems", *Proc Second Conf of the Pacific Association for Computational Linguistics PACLING'95*, 59-68.
- Gregory E. Kersten, David Cray, Stan Szpakowicz (1995). "Supporting Strategic Decisions: Requirements, Approach and Application". *Proc Third Int Conf on Decision Support Systems*, T. Bui (ed.), Hong Kong: HKUST, vol. 1, 1995, 329-346.
- Leixuan Yang, Stan Szpakowicz (1994). "Path-Finding in Networks". *J. Computing and Information*, 1(1). Special Issue: *Proc 6th International Conference on Computing and Information*, 1042-1057.
- Gregory E. Kersten, Ping Lu, Stan Szpakowicz (1994). "Indicative and Action Planning for an Intelligent Agent". R. Elio (ed.), *Proc Tenth Canadian Conf on AI*, CSCSI, Banff, 287-294.
- Sylvain Delisle, Ken Barker, Jean-François Delannoy, Stan Matwin, Stan Szpakowicz (1994). "From Text to Horn Clauses: Combining Linguistic Analysis and Machine Learning". R. Elio (ed.), *Proc Tenth Canadian Conf on AI*, CSCSI, Banff, 9-16.
- Cao Feng, Terry Copeck, Stan Szpakowicz, Stan Matwin (1994). "Semantic Clustering. Acquisition of Partial Ontologies from Public Domain Lexical Sources". *Proc AAAI Knowledge Acquisition for Knowledge-Based Systems Workshop*. Banff, 1-1—1-16.
- Gregory E. Kersten, Stan Szpakowicz (1994). "Negotiation in Distributed Artificial Intelligence: Drawing from Human Experience", *Proc 27th Hawaii International Conference on Systems Sciences*. Vol. IV, Information

Systems: Collaboration Technology, Organizational Systems and Technology, J.F. Nunamaker and R.H. Sprague, Jr. (eds), Jan. 1994, Los Alamitos, CA: IEEE Computer Society Press, 1994, 258-270. [Nominated for the Best Paper Award.]

Gregory E. Kersten, Steven Rubin, Stan Szpakowicz (1994). "Medical Decision-making in Negoplan". *Proc Second World Congress on Expert Systems*, Estoril, J. Liebowitz (ed.), Jan. 1994, Macmillan (CD ROM), 1130-1137.

Gregory E. Kersten, Stan Szpakowicz (1993). "Negotiation of Human and Artificial Agents". *IJCAI-93 Workshop on Computational Models of Conflict Management in Cooperative Problem Solving*, 89-102.

Gregory E. Kersten, Siobhan MacDonald, Steven Rubin, Stan Szpakowicz (1993). "Knowledge-based Simulation for Medical Education". *Proc IASTED Conf on Modelling and Simulation*, Pittsburgh, 630-633.

Stan Szpakowicz, Gregory E. Kersten (1993). "Recent Developments in Negoplan". *Proc IASTED Conf on Modelling and Simulation*, Pittsburgh, 126-129.

Sylvain Delisle, Terry Copeck, Stan Szpakowicz, Ken Barker (1993). "Pattern Matching for Case Analysis: A Computational Definition of Closeness". O. Abou-Rabia, C. K. Chang and W. W. Koczkodaj (eds.) *Proc ICCI-93*, 310-315.

Stan Matwin, Stan Szpakowicz (1993). "Text Analysis: How Can Machine Learning Help?". *Proc First Conf of the Pacific Association for Computational Linguistics (PACLING)*, Vancouver, 33-42.

Jean-François Delannoy, Cao Feng, Stan Matwin, Stan Szpakowicz (1993). "Knowledge Extraction from Text: Machine Learning for Text-to-rule Translation". *European Conf on Machine Learning ECML-93, Proc Workshop on Machine Learning Techniques and Text Analysis*, Vienna, 7-13.

Gregory E. Kersten, Wojtek Michałowski, Stan Szpakowicz (1992). "Sequential Decision Making and Restructurable Modelling". *Multiple Criteria Decision Making — Proc Ninth Intl Conf: Theory and Applications in Business, Industry, and Government*. A. Goicoechea, L. Duckstein and S. Zionts (eds.), New-York: Springer Verlag, 149-158.

Terry Copeck, Sylvain Delisle, Stan Szpakowicz (1992). "Parsing and Case Analysis in TANKA". *Proc 14th Intl Conf on Computational Linguistics COLING-92*, Nantes, July 1992, 1008-1012.

Gregory E. Kersten, Stan Szpakowicz (1992). "Rules and Environments: A Hybrid Representation for Decision Problems". IFAC/OFORS/IIASA/TIMS Workshop on Support Systems for Decision and Negotiation Processes, June 1992, Warsaw, Poland, 237-244.

Stan Szpakowicz, Zbig Koperczak, Gregory E. Kersten (1992). "A Negotiation-based Model of Co-operative Decision-Making". IFAC/OFORS/IIASA/TIMS Workshop on Support Systems for Decision and Negotiation Processes, June 1992, Warsaw, Poland, 557-566.

Zbig Koperczak, Stan Szpakowicz, Stan Matwin (1991). "A Comparison of the Effectiveness of Negotiation Strategies". *Proc VIII Brazilian Symposium on Artificial Intelligence*, Brasilia, Nov. 1991, 119-127.

Gregory E. Kersten, Stan Szpakowicz (1991). "Restructurable Modelling for Negotiation Processes" (invited paper). *Proc IEEE Int Conf on Systems, Man and Cybernetics*. Charlottesville, VA, Oct. 1991, 2011-2016.

Leixuan Yang, Stan Szpakowicz (1991). "Inheritance in Conceptual Networks". Karen S. Harber (ed.) *Proc Sixth Int Symposium on Methodologies for Intelligent Systems (Poster Session)*. Charlotte, NC, Oct. 1991, 191-202.

Sylvain Delisle, Stan Szpakowicz (1991). "A Broad-Coverage Parser for Knowledge Acquisition from Technical Texts". E. Johnson (ed.) *Proc Fifth Int Conf on Symbolic and Logical Computing*, Dakota State University, 169-183.

Leixuan Yang, Stan Szpakowicz (1991). "Planning in Conceptual Networks". F. Dehne, F. Fiala and W.W. Koczkodaj (eds.) *Advances in Computing and Information - ICCI '91. Lecture Notes in Computer Science 497*, Springer-Verlag, 669-671.

Stan Szpakowicz, Zbig Koperczak (1990). "Mixed-Strategy Matching in Conceptual Networks". Z. W. Ras, M. Zemankowa and M. L. Emrich (eds.) *Methodologies for Intelligent Systems 5*. North-Holland, 321-328.

Stan Szpakowicz, Gregory E. Kersten, Zbig Koperczak (1990). "Knowledge-based Decision Support, Preferences, and Financial Planning". 6th IEEE Conf on Artificial Intelligence Applications, March 1990, 222-228.

- Zbig Koperczak, Gregory E. Kersten, Stan Szpakowicz (1990). "The Negotiation Metaphor and Decision Support for Financial Modelling". R. H. Sprague, Jr. (ed.) *Proc 23rd Annual Hawaii Intl Conf on System Sciences, vol. IV, Emerging Technologies and Applications*, 31-40.
- Stan Matwin, Stan Szpakowicz, Zbig Koperczak (1989). "NEGOPLAN: An Inference-based Negotiation Support Tool". G. X. Ritter (ed.) *INFORMATION PROCESSING 89 (Procs 11th World Computer Congress IFIP 89)*, North-Holland, 679-685.
- Stan Szpakowicz, Gregory E. Kersten, Zbig Koperczak (1989). "Simulating decision processes in the rule-based paradigm". R. Uttamsingh, A. M. Wildberger (eds.) *Procs of the SCS Multiconference on AI and Simulation*, Tampa, Florida, March 1989, 17-22.
- Stan Szpakowicz (1988). "Semi-Automatic Acquisition of Conceptual Structure from Technical Texts". *Procs 3rd AAAI Knowledge Acquisition for Knowledge-Based Systems Workshop*. Banff, November 1988, 35-1 - 35-16.
- Wojtek Michałowski, Gregory E. Kersten, Zbig Koperczak, Stan Matwin, Stan Szpakowicz (1988). "Negotiation with a Terrorist: Can an Expert System Help?". M. G. Singh, K. S. Hindi and D. Salassa (eds.) *Managerial Decision Support Systems. Procs First IMACS/IFORS Int Colloquium on Managerial Decision Support Systems and Knowledge Based Systems*, Manchester, November 1987, 193-200.
- Robin Cohen, Miguel Filgueiras, Martha Palmer, Patrick Saint-Dizier, Stan Szpakowicz (1988). "On the Semantics of Natural Language Sentences in Logic Programming". V. Dahl and P. Saint-Dizier (eds.) *Natural Language Understanding and Logic Programming, II*, North Holland, 319-333.
- Stan Matwin, Stan Szpakowicz, Gregory E. Kersten, Wojtek Michałowski, Zbig Koperczak (1987). "Logic-based Tools for Negotiation Support". *Proc. 4th IEEE Symposium on Logic Programming*. San Francisco, August 1987, 499-506.
- Gregory E. Kersten, Stan Matwin, Wojtek Michałowski, Stan Szpakowicz (1987). "A Rule-based System to Support Negotiations". *31st Annual Meeting of the Int Society for General Systems Research*, Budapest, Hungary, June 1987, 610-616.
- Stan Szpakowicz, Stan Matwin, Gregory E. Kersten, Wojtek Michałowski (1987). "RUNE: An Expert System Shell for Negotiation Support". *Proc. 7th Int Workshop on Expert Systems and Their Applications*, Avignon, May 1987, 711-727.
- Gregory E. Kersten, Wojtek Michałowski, Stan Matwin, Stan Szpakowicz (1987). "A Rule-based Approach to Conflict Resolution in Negotiations". *Proc ASAC Annual Conf*, vol. 8 part 4, Toronto 1987, 71-82.
- Patrick Constant, Stan Matwin, Stan Szpakowicz (1987). "Question-Driven Approach to the Construction of Knowledge-Based Software Advisor Systems". *Proc. Third IEEE Conf. on Artificial Intelligence Applications*, Orlando, FL, February 1987, 29-35.
- Branka Tauzovich, Stan Matwin, Franz Oppacher, Doug Skuce, Stan Szpakowicz (1986). "An Expert Advisory System for Government Regulations: Knowledge Acquisition Methodology". L. F. Pau (ed.) *Artificial Intelligence in Economics and Management*. Elsevier Science Publishers (North-Holland) 1986, 205-212.
- Stan Szpakowicz, Stan Matwin, Doug Skuce (1986). "QUIZ Advisor: A Consultant for a Fourth Generation Software Package". *Proc. 6th Int Workshop on Expert Systems and Their Applications*. Avignon, April 1986, 155-168.
- Doug Skuce, Stan Matwin, Branka Tauzovich, Stan Szpakowicz, F. Oppacher (1985). "A Rule-Oriented Methodology for Constructing a Knowledge-Base from Natural Language Documents". K. N. Karna (ed.) *Expert Systems in Government Symposium*, McLean, Va., IEEE Computer Society, Oct. 1985, 378-385.
- Janusz S. Bień, Stan Szpakowicz (1982). "On Surface-Syntactic Analysis of Polish". *Explizite Beschreibung der Sprache und automatische Textverarbeitung, VIII*, Praha, 24-34.
- Stanisław Szpakowicz, Marek Świdziński (1982). "The Syntactic Structure of Nominal Phrases in Contemporary Polish". *Explizite Beschreibung der Sprache und automatische Textverarbeitung, VIII*, Praha, 139-142.
- Janusz S. Bień, Stan Szpakowicz (1982). "Towards a parsing method for free word order languages". *Abstracts of the 9th Int Conf on Computational Linguistics - COLING82*, Praha.
- Janusz S. Bień, Krystyna Laus-Mączyńska, Stan Szpakowicz (1980). "Parsing Free Word Order Languages in Prolog". *Proceedings of the 8th Int Conf on Computational Linguistics - COLING80*, Tokyo, 346-349.

Feliks Kluźniak, Stan Szpakowicz (1980). "A Note on Teaching Prolog". *Logic Programming Workshop*, Hungary, Debrecen.

Janusz S. Bień, Leonard Bolc, Stan Szpakowicz (1977). "Bootstrapping methodology of computational linguistics research". J. Madey (ed.) *Selected topics in information processing. IFIP-INFOPOL 76*. North-Holland, 205-211.

Witold Łukaszewicz, Stan Szpakowicz (1976). "Automatic Morphological Analysis of Written Polish". *Proc. First Natl Conf on the Applications of Mathematical Models and Computers in Linguistics*, Varna, May 3-9, 1975. Publishing House of the Bulgarian Academy of Sciences, Sofia, 359-362.

Witold Łukaszewicz, Stan Szpakowicz (1974). "Characteristics of the MARYSIA System" [in Polish]. *Procs of the First National Conf on Information Retrieval Systems*, PWN [Polish Scientific Publishing House], Warszawa, 181-186.

C. Books

Vivi Nastase, Preslav Nakov, Diarmuid Ó Séaghdha, Stan Szpakowicz (2013). *Semantic Relations Between Nominals*. Synthesis Lectures on Human Language Technologies #19, Morgan & Claypool Publishers.

Maciej Piasecki, Stan Szpakowicz, Bartosz Broda (2009). *A Wordnet from the Ground Up*. Wrocław University of Technology Press, Wrocław.

Stan Szpakowicz, Patrick Saint-Dizier (eds.) (1990). *Logic and Logic Grammars for Language Processing*. Ellis Horwood.

Marek Cichy, Stan Szpakowicz (eds.) (1987). *Texts for a programming laboratory* [in Polish]. Warsaw University Press.

Marek Cichy, Jerzy Nomańczuk, Stan Szpakowicz (1986). *Problems in computer science - introductory level*, second enlarged edition [in Polish]. PWN [Polish Scientific Publishing House], Warszawa.

Feliks Kluźniak, Stan Szpakowicz (1985). *Prolog for Programmers*. Academic Press.

Feliks Kluźniak, Stan Szpakowicz (1983). *Prolog* [in Polish]. WNT [Scientific and Technical Publishing House], Warszawa.

Stan Szpakowicz (1983). *A Formal Syntactic Description of Polish Sentences* [a monograph, in Polish]. Warsaw University Press.

D1. Refereed book chapters

Roman Kurc, Maciej Piasecki, Stan Szpakowicz (2013). "Automatic Construction of a Dynamic Thesaurus for Proper Names". A. Przepiórkowski, Maciej Piasecki, K. Jassem, P. Fuglewicz, eds., *Computational Linguistics - Applications*. Springer Verlag, *Studies in Computational Intelligence* 458, 65-85.

Maciej Piasecki, Bartosz Broda, Maria Głąbska, Michał Marcińczuk, Stan Szpakowicz (2009). "Semi-automatic Expansion of Polish WordNet based on Activation-Area Attachment". *Recent Advances in Intelligent Information Systems*. M. A. Kłopotek, A. Przepiórkowski, A. T. Wierzchoń i K. Trojanowski (eds.). Academic Publishing House Exit, Warsaw. 247-260.

Marina Sokolova, Stan Szpakowicz (2009a). "Machine Learning Applications in Natural Language Processing", E. Soria, J. D. Martín, R. Magdalena, M. Martínez, A.J. Serrano (eds.), *Handbook of Research on Machine Learning Applications and Trends: Algorithms, Methods and Techniques*, IGI Global, 302-324.

Marina Sokolova, Stan Szpakowicz (2009b). "Machine Learning Applications in Mega-Text Processing". In E. Soria, J. D. Martín, R. Magdalena, M. Martínez, A. J. Serrano (eds.), *Handbook of Research on Machine Learning Applications: Algorithms, Methods and Techniques*, IGI Global, 325-347.

Patricia Balcom, Terry Copeck, Stan Szpakowicz (2006). "DidaLect: Conception, implantation et évaluation initiale". *Technologies langagières et apprentissage des langues: actes du colloque tenu dans le cadre du Congrès de l'ACFAS, le 11-12 mai 2004, sous la direction de Lise Duquette et Claude St-Jacques*, Montréal: *ACFAS Cahier No. 106*, 123-139.

Marina Sokolova, Vivi Nastase, Mohak Shah, Stan Szpakowicz (2006). "Feature Selection for Electronic Negotiation Texts". *E-Negotiation – An Introduction*, R. Kumar and J. Banda (eds.), The ICFAI University Press, ISBN 81-314-0448-X (a version of Sokolova, Nastase, Shah, Szpakowicz 2005).

Marina Sokolova, Vivi Nastase, Stan Szpakowicz, Mohak Shah (2005). "Analysis and models of language in electronic negotiations". *Issues in intelligent systems. Models and Techniques*, M. Draminski, P. Grzegorzewski, K. Trojanowski, S. Zadrozny (eds.). Akademicka Oficyna Wydawnicza EXIT, Warszawa 2005, 197-211.

Mario Jarmasz, Stan Szpakowicz (2004). "Roget's Thesaurus and semantic similarity". N. Nicolov, K. Bontcheva, G. Angelova, R. Mitkov (eds.) *Recent Advances in Natural Language Processing III: Selected Papers from RANLP 2003*, John Benjamins, Amsterdam/Philadelphia, *Current Issues in Linguistic Theory (CILT)*, vol. 260, 111-120 [an extended version of Jarmasz, Szpakowicz 2003].

Gregory E. Kersten, Zbig Koperczak, Stan Szpakowicz (1995). "Modelling Autonomous Agents in Changing Environments". G. W. Zobrist and C. Y. Ho (eds.) *Progress in Robotics and Intelligent Systems*, vol. 3. Ablex, Norwood, NJ, 1-50.

Gregory E. Kersten, Stan Szpakowicz, Zbig Koperczak (1991). "Negotiation and Autonomous Agents for Decision Support". P. Korhonen, A. Lewandowski and J. Wallenius (eds.), *Multiple Criteria Decision Support. Lecture Notes in Economics and Mathematical Systems*, Springer-Verlag, vol. 356, 341-349.

Feliks Kluźniak, Stan Szpakowicz (1990). *Two Case Studies*. J. Allen, J. Hendler and A. Tate (eds.) *Readings in Planning*. Morgan Kaufman, 140-153.

Stan Szpakowicz, Stan Matwin (1990). "Advances in Logic Programming". T. I. Ören (ed.) *Advances in Artificial Intelligence in Software Engineering*, JAI Press, Greenwich, CT, 107-168.

D2. Other book chapters

Mario Jarmasz, Stan Szpakowicz (2001). "Roget's Thesaurus as an Electronic Lexical Knowledge Base". W. Gruszczynski and D. Kopcinska (eds.) *NIE BEZ ZNACZENIA. Prace ofiarowane Profesorowi Zygmuntowi Saloniemu z okazji jubileuszu 15000 dni pracy naukowej* [Festschrift for Professor Saloni]. Białystok, 117-138.

Marek Świdziński, Stanisław Szpakowicz (1992). "Discontinuities". André Clas (ed.) *Le mot, les mots, les bons mots. Hommage à Igor A. Mel'cuk*. Les presses de l'université de Montréal, 1992, 183-200.

Stan Szpakowicz (1990). "Implementing Relational Database Languages in Prolog". P. Saint-Dizier and Stan Szpakowicz (eds.) *Logic and Logic Grammars for Language Processing*. Ellis Horwood, 56-71.

Stanisław Szpakowicz, Marek Świdziński (1987). "A Computational Description of Contemporary Polish". *From code to code*, Warsaw University Press, 155-162.

Feliks Kluźniak, Stan Szpakowicz (1984). "Prolog: A panacea?". J. A. Campbell (ed.) *Implementations of Prolog*, Ellis Horwood.

Stan Szpakowicz (1978). "Syntactic Analysis of Written Polish". L. Bolc (ed.) *Natural Language Communication with Computers. Lecture Notes in Computer Science*, **63**, Springer-Verlag, 261-292.

E. Articles

Stan Szpakowicz (1987). "Logic Grammars". *BYTE*, **12**(9), 185-195.

F. Conference presentations

Stan Szpakowicz, Gregory E. Kersten, Emre Erkol (2000). "Multi-player Negoplan: Modelling Decision Processes with Multiple Behaviour Patterns". *Conf on Group Decision and Negotiation GDN 2000*, Glasgow, July 2000.

Gregory E. Kersten, David Cray, Stan Szpakowicz (1994). "Modelling Sequential Processes: A Case of Foreign Direct Investment Negotiations". EURO XIII / OR 36, Glasgow, July 1994.

Gregory E. Kersten, David Cray, Stan Szpakowicz, "Modelling Sequential Processes: A Case of Foreign Direct Investment", *Proc MCDM Conference*, Coimbra, Portugal, 1994.

Gregory E. Kersten, Darren Meister, Steven Rubin, Stan Szpakowicz, "Evaluation of Medical Student with a Negoplan-based Patient Simulator", TIMS International Meeting, Anchorage, May 1994.

Gregory E. Kersten, Stan Szpakowicz (1993). "Medical Decision-Making in Negoplan" TIMS/ORSA Joint National Meeting, invited paper, Phoenix, Nov. 1993.

- Ping Lu, Gregory E. Kersten, Stan Szpakowicz (1993). "Bayesian Probabilistic Analysis in Negoplan. The Pacific-Reliant Contract Negotiation". TIMS/ORSA Meeting, Phoenix, Nov. 1993.
- Gregory E. Kersten, Stan Szpakowicz (1993). "A Triadic Approach to Representation, Support and Simulation of Sequential Decisions", MDA Workshop: Advances and Software in DSS, International Institute for Applied System Science, Laxenburg, Sep. 1993.
- Gregory E. Kersten, Stan Szpakowicz (1993). "Development of Restructurable Representations for Negotiation Support", *TIMS/ORSA Joint National Meeting*, invited paper, Chicago, May 1993.
- Gregory E. Kersten, Stan Szpakowicz (1992). "Decision Support: An Introduction to Restructurable Modelling", *Workshop on Decision Making Under Conditions of Conflict*, Waterloo, August 1992.
- Gregory E. Kersten, Stan Szpakowicz (1990). "Complex Decision-making in Dynamic Environments: Integrating Quantitative and Qualitative Models", *12th Triennial Conf on Operations Research IFORS*, Athens, June 1990.
- Stan Szpakowicz, Gregory E. Kersten, Zbig Koperczak (1990). "Modelling Managerial Decision Problems in NEGOPLAN: Capital Budgeting". *CORS/SCRO Conference*, Ottawa, May 1990.
- Gregory E. Kersten, Wojtek Michałowski, Stan Szpakowicz (1990). "Restructurable Modelling for Decision Support", *CORS/SCRO Conference*, Ottawa, May 1990.
- Wojtek Michałowski, Gregory E. Kersten, Zbig Koperczak, Stan Szpakowicz (1990). "Designing Emergency Plans: NEGOPLAN", *CORS/SCRO Conference*, Ottawa, May 1990.
- Stan Szpakowicz (1989). "Rule-based Formalism and Preference Representation in Negotiation". Invited paper. CORS/TIMS/ORSA 27th Joint National Meeting, Vancouver, B.C., May 1989.
- Gregory E. Kersten, Stan Szpakowicz (1988). "Facts, Threats and Trade-offs in Negotiations: An Extension of NEGOPLAN", *EURO/TIMS Joint International Conference*, Paris, July 1988.
- Gregory E. Kersten, Wojtek Michałowski, Stan Matwin, Stan Szpakowicz (1988). "Problems with Preference Representation within Rule-based Formalism: A Case of NEGOPLAN". Invited paper. TIMS/ORSA 25th Joint National Meeting, Washington, D.C., April 1988.
- Gregory E. Kersten, Wojtek Michałowski, Stan Szpakowicz, Stan Matwin (1987). "NEGOPLAN: An Intelligent Support System for Negotiators". Invited paper. ORSA/TIMS 24th Joint National Meeting, St. Louis, October 1987.
- Gregory E. Kersten, Stan Matwin, Wojtek Michałowski, Stan Szpakowicz (1987). "Conflict Resolution in Group Decision Making: A Rule-based Approach". *First Int Conf of the Conflict Management Group*, Fairfax, VA, June 1987.
- Stan Szpakowicz, Stan Matwin, Gregory E. Kersten, Wojtek Michałowski, Zbig Koperczak (1987). "RUNE: une coquille système-expert à l'appui des négociations". 55^e congrès de l'ACFAS, Ottawa, mai 1987.
- Stan Szpakowicz (1987). "A Semi-automatic Procedure for Knowledge Acquisition from Technical Texts". *Symposium Textes et Représentations*, Québec.
- Witold Łukaszewicz, Stan Szpakowicz (1976). "The Conversational System MARYSIA" [in Polish]. L. Bolc (ed.) *Applications of Computers to Natural Language Research II*, Warsaw Univ. Press, 127-137.
- Witold Łukaszewicz, Stan Szpakowicz (1973). "Progress Report on the MARYSIA System" [in Polish]. L. Bolc (ed.) *Applications of Computers to Natural Language Research*, Warsaw Univ. Press, 34-41.

G. Reports

- Mario Jarmasz, Stan Szpakowicz (2001). "Roget's Thesaurus: a Lexical Resource to Treasure". TR-2001-01, School of Information Technology and Engineering, University of Ottawa.
- Mario Jarmasz, Stan Szpakowicz (2000). "Roget's Thesaurus as an Electronic Lexical Knowledge Base". TR-2000-02, School of Information Technology and Engineering, University of Ottawa.
- Ken Barker, Y. Chali, Terry Copeck, Stan Matwin, Stan Szpakowicz (1998). "The Design of a Configurable Text Summarization System". TR-98-04, School of Information Technology and Engineering, University of Ottawa.
- Ken Barker, Terry Copeck, Sylvain Delisle, Stan Szpakowicz (1996). "Systematic Construction of a Versatile Case System". TR-96-10, Department of Computer Science, University of Ottawa.

- Stan Szpakowicz, Ken Barker, Terry Copeck, Jean-François Delannoy, Stan Matwin (1996). "Validation of a Text Summarization Algorithm". TR-96-04, Department of Computer Science, University of Ottawa.
- Stan Szpakowicz, Stan Matwin, Ken Barker (1996). "WordNet-based Word Sense Disambiguation That Works For Short Texts". TR-96-03, Department of Computer Science, University of Ottawa.
- Sylvain Delisle, Terry Copeck, Stan Szpakowicz, Ken Barker (1993). "Interactive Semantic Analysis of Technical Texts: Case Pattern Acquisition". TR-93-13, Department of Computer Science, University of Ottawa.
- Gregory E. Kersten, Stan Szpakowicz (1993). "Patient Simulation in Negoplan". TR-93-09, Department of Computer Science, University of Ottawa.
- Ken Barker, Terry Copeck, Sylvain Delisle, Stan Szpakowicz (1993). "An Empirically Grounded Case System". TR-93-08, Department of Computer Science, University of Ottawa.
- Leixuan Yang, Stan Szpakowicz (1990). "Reasoning in Conceptual Networks". TR-90-27, Department of Computer Science, University of Ottawa.
- Leixuan Yang, Stan Szpakowicz (1990). "A Knowledge Representation Formalism: Conceptual Network". TR-90-26, Department of Computer Science, University of Ottawa.
- Terry Copeck, Sylvain Delisle, Stan Szpakowicz (1990). "Intelligent Case Analysis in the KATE System". TR-90-24, Department of Computer Science, University of Ottawa.
- Sylvain Delisle, Stan Szpakowicz (1987). "Logic Grammars for the Modelling of the Linguistic Coverage of a Natural Language Interface". Université du Québec à Trois-Rivières, Technical Report.
- Sylvain Delisle, Stan Szpakowicz (1987). "The Construction of Simple Lexicons for Natural Language Interfaces Written in Prolog". Université du Québec à Trois-Rivières, Technical Report.
- Gregory E. Kersten, Stan Matwin, Wojtek Michałowski, Stan Szpakowicz (1986). "Rule-based Modelling of Negotiation Strategies". TR-86-20, Department of Computer Science, University of Ottawa.
- Stan Matwin, Doug Skuce, Stan Szpakowicz (1986). "Question-driven Approach to the Design of a Software Advisor System". TR-86-04, Department of Computer Science, University of Ottawa.
- Stan Szpakowicz (1978). "Automatic syntactic analysis of written Polish sentences" [in Polish]. Ph.D. thesis, Institute of Informatics, Warsaw University.
- Janusz S. Bień, Witold Łukaszewicz, Stan Szpakowicz (1974). "Description of the MARYSIA System. III" [in Polish]. Warsaw University Computing Centre, TR 43.
- Janusz S. Bień, Witold Łukaszewicz, Stan Szpakowicz (1973). "Description of the MARYSIA System. II" [in Polish]. Warsaw University Computing Centre, TR 42.
- Janusz S. Bień, Witold Łukaszewicz, Stan Szpakowicz (1973). "Description of the MARYSIA System. I" [in Polish]. Warsaw University Computing Centre, TR 41.
- Janusz S. Bień, Witold Łukaszewicz, Stan Szpakowicz (1973). "Introduction to the MARYSIA System" [in Polish]. Warsaw University Computing Centre, TR 39.

H. Other contributions

- Maciej Piasecki, Stan Szpakowicz, Christiane Fellbaum, Bolette Pedersen (2013). "Introduction to the special issue: On wordnets and relations". *Language Resources and Evaluation* 47(3). DOI 10.1007/s10579-013-9247-y, 757-767.
- Alistair Kennedy, Stan Szpakowicz (2012). "Fast Semantic Relatedness: WordNet::Similarity vs Roget's Thesaurus", *Tiny Transactions on Computer Science* vol. 1, <http://tinytocs.org/vol1/papers/tinytocs-v1-kennedy.pdf>, 1 page.
- Stan Szpakowicz (2010). "Failure is an Orphan (Let's Adopt)", *Computational Linguistics*, 36(1), 157-158.
- Vivi Nastase, Stan Szpakowicz (2006). "Word from the Guest Editors". *Computational Intelligence* 22(2), 69-72.

EDITORIAL ACTIVITIES

- Group Decision and Negotiation*: associate editor (1993-present)
Journal of Language Modelling: editorial board (2012-present)

Frontiers in Digital Humanities / Digital Literary Studies, review editor (2015-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, **47**(3), special issue on wordnets and relations: guest co-editor (with Drs. Fellbaum, Pedersen, Piasecki)

Journal of Natural Language Engineering, **19**(3), special issue on computational approaches to the semantics of noun compounds: guest co-editor (with Drs. Bond, Kim, Nakov)

Linguistic Issues in Language Technology, **12**, special issue on computational linguistics for literature: guest co-editor (with Drs. Elson, Feldman, Kazantseva)

REVIEWING FOR SCIENTIFIC JOURNALS

ACM Transactions on Speech and Language Processing

Artificial Intelligence

Cognitive Computation

Computational Intelligence

Computational Linguistics

Computer Speech and Language

Computers and Mathematics with Applications

Control and Cybernetics

Fundamenta Informaticae

Group Decision and Negotiation

IEEE Expert

IEEE Transactions on Affective Computing

IEEE Transactions on Knowledge and Data Engineering

INFOR

International Journal of Applied Mathematics and Computer Science

International Journal of Man-Machine Studies

Journal of Artificial Intelligence Research

Journal of Cognitive Science

Journal of Information Science

Journal of Intelligent Information Systems

Journal of Language Modelling

Journal of Natural Language Engineering

Journal of the American Society for Information Science and Technology

Language Resources and Evaluation

Machine Learning

Management Science

Software - Practice and Experience

Transactions on Affective Computing

Web Intelligence and Agent Systems

EVENTS ORGANIZED

- *Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature, Workshop at ACL 2017, August 2017, co-organizer*
- *Computational Linguistics for Literature, Workshop at NAACL-HLT 2016, June 2016, co-organizer*
- *Computational Linguistics for Literature, Workshop at NAACL-HLT 2015, June 2015, co-organizer*
- *Computational Linguistics for Literature, Workshop at ACL 2014, April 2014, co-organizer*
- *Computational Linguistics for Literature, Workshop at NAACL-HLT 2013, June 2013, co-organizer*
- *Computational Linguistics for Literature, Workshop at NAACL-HLT 2012, June 2012, co-organizer*

- *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***
- *Workshop on the Analysis of Information Exchange during Negotiations FINEXIN 2005, **co-chair***
- *ACL-04 Workshop on Text Summarization, 2004, **co-chair***

PROGRAM COMMITTEES (selected)

- *Canadian AI, 2002-2012, 2014-2017*
- *BSNLP 2013, 2015-2017*
- *IJCAI 2009, 2016-2017*
- *CICLing 2014-2017*
- *Advances in Artificial Intelligence and Applications, 2007-2017*
- *RANLP 2013, 2015, 2017*
- **SEM 2012, 2013, 2015-2017*
- *ACL 2007, 2009-2014, 2016-2017*
- *EACL 2012, 2014, 2017*
- *NAACL-HLT 2006, 2009-2010, 2012-2013, 2016*
- *Workshop on Sentiment Analysis where AI meets Psychology 2013, 2016*
- *Pattern Recognition and Machine Intelligence 2015*
- *EMNLP 2005, 2007-2011, 2015*
- *ACL-IJCNLP 2009, 2015*
- *ACL Workshop on Multiword Expressions 2009-2011, 2013-2014*
- *Intelligent Information Systems, 2006, 2008-2013*
- *COLING 2012*
- *Computational Linguistics – Applications, 2008-2011*
- *ACL Workshop on Semantic Evaluations 2009-2010*
- *Workshop on Multi-source, Multilingual Information Extraction and Summarization, 2007, 2008*
- *IASTED Conference on Modelling and Simulation, 1994-2008*
- *Workshop on Crossing Barriers in Text Summarization Research, 2005*
- *Computational Linguistics in the North-East, 2004*
- *NAACL Workshop on Automatic Summarization, 2003*
- *IASTED Conference on Applied Simulation and Modelling, 2000*
- *SAICSIT'99*
- *AAIAA Special Track at FLAIRS'96*