

Anna Maria Di Sciullo, Ph.D., FRSC
Curriculum vitae, updated March 6, 2017
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Current Positions

Professor, Department of Linguistics, UQAM
Associate Professor, Cognitive Informatics Doctoral Program, UQAM

2016-2019: Visiting Scholar, Department of Linguistics, NYU
2014-: Director of the *Dynamic Interface* research program III (FQRSC), UQAM
2012: Visiting Scholar, Department of Linguistics and Philosophy, MIT
2012: Visiting Scholar, Department of Linguistics, Harvard University
2012- Director of the Interface Asymmetry Lab, UQAM
2010-2014 Director of the Dynamic Interface research program II (FQRSC), UQAM
2005-2008 Director of the Dynamic Interface research program I (FQRSC), UQAM
2004-2012 Director of the Major Collaborative Research Initiative on *Interface Asymmetries and their treatment by the cognitive system* (SSHRC), UQAM-MIT, and 17 other Universities
2000-2004 Director of the research program on *Natural Language Processing* Project, Valorisation recherche Quebec (VRQ), UQAM-MIT
2000- Associate professor, Cognitive Informatics Doctoral Program, UQAM
1999 Faculty member, Generative Linguistics in the Old World (GLOW) Summer School, Mytilini, Greece
1998-2003 Director of the Major Collaborative Research Initiative on *Asymmetries in natural languages and their treatment by the performance system* (SSHRC), UQAM-MIT, and 17 other Universities
1997-1998 Principal Investigator, Centre de Recherche Informatique de Montreal (CRIM)
1992-2003 Principal Investigator, Major Grant on the *Modulatiy of Grammar* (SSHRC)
1991-1992 Invited Professor, Università degli Studi di Venezia, Italy
1984- Professor, Department of Linguistics, UQAM
1982-1983 Post-doctoral fellow, SSHRC (MIT, University of Montreal, UCLA)
1981-1982 Post-doctoral fellow, Fonds pour la Formation de chercheurs et l'aide à la recherche (FCAR) (MIT, University of Montreal, UCLA)

Awards and Nominations (a selection)

2017 Nominated for the Canadian Governor General award for innovation
2016 Andre Laurendeau Award, ACFAS, Government of Quebec.
2015 Ambassador of Abruzzi in the world, Government of Italy.
2005-2018: Dynamic Interfaces (FQRSC I, II, III), Government of Quebec, \$1.2M.
2007: Founder and Director of the International Network in Biolinguistics.
2003-2012: Interface Asymmetries (MCRI), SSHRC, Government of Canada, \$2.5M.
2004: Founder and President of the Federation on Natural Language Processing
2001-2004: Natural language processing (VRQ), Government of Quebec, \$1.2M.
2001: Codie Awards for Delphes, Best Reference Tool Software and Information Industry Association, USA.
http://collections.banq.qc.ca:81/lapresse/src/cahiers/2000/12/19/D/82812_20001219D.pdf

2000: Awards for Delphes innovative search engine, OCTAS-2000 and Office de la langue française.
 1999: Fellow of the Royal Society of Canada
 1998-2003: Natural Language Asymmetries (MCRI), SSHRC, Government of Canada, \$1.8M.
 1992-1996: The Modularity of Grammar: arguments, projections and variation, SSHRC, Government of Canada, 629, 577.00\$.
 1990: Award for Excellence in Research, awarded by the board of Governors of the University of Quebec.
 1982-1983 Post-doctoral grant award SSHRC, Government of Canada.
 1981-1982 Post-doctoral grant award FCAR, Government of Quebec.

Education

1982 Massachusetts Institute of Technology, Postdoc studies, Department of Linguistics and Philosophy
 1981 University of Montreal, PhD, Linguistics (X-bar theory, morpho-syntax)
 1975 University of Quebec in Montreal, MA, Linguistics (Predication, syntax-semantics)
 1977 University of Rome, La Sapienza. Linguistics, Philosophy, and Logic Program

Research areas

Morpho-syntax, Theoretical Linguistics, Biolinguistics, Computational linguistics

Research Grants Awards

2003-2012 Funding Agency: SSHRC / Major Collaborative Research Initiative

Title of project: *Asymmetry Interfaces and cognitive processing*

Type and aim of research: Fundamental and applied research, that has as its objective, to formulate a theory of interfaces between the grammar and the cognitive system in grammars, to formulate algorithms that will incorporate this theory and applications for information processing, and also to perform neuro and psycholinguistic experiments on normal subjects as well on those suffering from brain lesions. This includes a partnership between UQAM-DELPHEs on the system of configurational analysis and UQAM-NECI Princeton for incremental parsing.

Location of research: UQAM UBC, Concordia University, University of Toronto, Simon Fraser University, Queen's University, University of St. John New Brunswick, MIT, Princeton, UMASS, UCS, CUNY, Arizona University, Paris VII, University of Lisbon, University of Milan, University of Patras, University of Mohamed V, Rabat, Marocco.

Amount granted: **2 500 000 \$**

2005-2019 Funding Agency: FQRSC

Title of project: *Dynamic Interfaces I, II, III*

Type and aim of research: This research aims at determining the properties that permit different systems (i.e. the faculty of language, sensori-motor systems (SM) and the conceptual-intentional system (CI)) to interact. It requires a

concentrated effort in fundamental linguistics, in neuro and psycholinguistics as well as in computational linguistics. It will also permit us to expand our areas of technological applications that arise from a developmental project funded by Valorisation-Recherche Québec (2000-2004) on natural language processing.

Location of research: UQAM, UBC, Concordia University, University of Toronto, Simon Fraser University, Queen's University, University of St. John New Brunswick, MIT, Princeton, UMASS, UCS, CUNY, Arizona University, Paris VII, University of Lisbon, University of Milan, University of Patras, University of Mohamed V, Rabat, Marocco.

Amount granted: **1 200 000 \$**

2000-2004 Funding Agency: Valorisation Recherche Quebec/Structuring Project

Title of project: *Natural language processing*

Type and aim of research: Fundamental and applied research, which has as its objective, the development of a platform for natural language processing based on the properties of the grammars of natural languages; and the aim is to verify the biological and neuro-linguistic reality of asymmetry.

Location of research: UQAM, Concordia University, McGill University, University of Montreal, University of Laval, University of Toronto, Simon Fraser University, MIT, Princeton, UMASS, UCS, CUNY, Paris VII, University of Lisbon, University of Milan, University of Patras, University of Paris VIII, University of Mohamed V, Rabat, Marocco.

Amount granted: **1 200 000 \$**

1998-2003 Funding Agency: SSHRC/Major Collaborative Research Initiative

Title of project: **Asymmetry of natural languages and their treatment by the performance systems**

Type and aim of research: Fundamental and applied research which seeks to formulate the theory of asymmetry in grammars, the formulation of algorithms which incorporate this theory and the applications for information extraction. This includes a partnership between UQAM-CRIM and UQAM-DELPHEs on the system of configurational analysis, and UQAM-NECI Princeton for incremental parsing.

Location of research: UQAM, Concordia University, McGill University, University of Montreal, University of Laval, University of Toronto, Simon Fraser University, MIT, Princeton, UMASS, UCS, CUNY, Paris VII, University of Lisbon, University of Milan, University of Patras, University of Mohamed V, Rabat, Marocco.

Amount granted: **1 800 000 \$**

1996-1999 Funding Agency: FCAR/ Support for research groups

Title of project: **Interface: asymmetries and configuration of traits**

Type and aim of research: Research which aims at defining the properties of underlying features of syntactic and morphological expressions, and the limit of variation, be it typological, historical or dialectal.

Location of research: UQAM and University of Sherbrooke, Queen's University, Simon Fraser University, UBC.

Amount granted: **132 000 \$**

Led to the publication of a collection of papers on grammar and variation in a special issue of the *Revue canadienne de linguistique*.

1996-1999 Funding Agency: FCAR/ Support for research groups

Title of project: **Interfaces: invariants and relativization**

Amount granted: **44 000 \$**

1993-1996 Funding Agency: FCAR/ Support for research groups

Title of project: **Interfaces: invariants and relativization**

Type and aim of research: Fundamental research which sought to formulate a theory of interfaces thereby determining what aspects of the model permitted dialectal and historical linguistic variation.

Location of research: UQAM, MIT

Amount granted: **120 025 \$**

Led to the publication of several articles and, in 1996, to the collection entitled *L'interface syntaxe-sémantique* (Recherches linguistiques de Vincennes).

1992-1996 Funding Agency: SSHRC/Major research grant

Title of project: ***The modularity of grammar: arguments, projections and variation***

Type and aim of research: Fundamental research which sought to formulate a grammatical theory which was entirely modular. It entailed, defining the primitives, the modules and the interfaces of grammar from a small number of hypotheses.

Location of research: UQAM, MIT

Amount granted: **630 000 \$ (Complementary grant, UQAM: 50 000 \$)**

Led to the publication of several articles, and in 1996, to a collection on *Configurations: Essays on Structure and Interpretation* (Cascadia Press) and, in 1997, to the collection on *Projections and Interface Conditions : Essays on Modularity* (Oxford University Press).

1990-1992 Funding Agency: FCAR/Support for research groups

Title of project: *Toward a grammatical theory of arguments*

Amount granted: 20 000 \$

1990-1992 Funding Agency: SSHRC/Regular grant

Title of project: *The theory of arguments*

Amount granted: 73 780 \$

1989-1992 Funding Agency: CRSH/Regular grant

Title of project: *The theory of arguments*

Type and aim of research: Fundamental research which aimed at formulating a theory capable of predicting the possible realizations of arguments in romance languages.

Location of research: UQAM, MIT

Amount granted: 195 794 \$

1989-1992 Funding Agency: FCAR/Support for research groups

Title of project: *Toward a grammatical theory of arguments*

Type and aim of research: Fundamental research which aimed at identifying parametric variations among romance languages based on the possible realizations of arguments. This research also had data-processing applications: the formulation of the prototypes of construction parsers peculiar to romance languages.

Location of research: UQAM, MIT

Amount granted: 60 000 \$

1988-1989 Funding Agency: SSHRC/Regular grant

Title of project: *Argument structures*

Type and aim of research: Fundamental research which was aimed at formulating a theory capable of predicting the possible realizations of arguments in romance languages.

Location of research: UQAM, MIT

Amount granted: 45 646 \$

1986-1988 Funding Agency: FCAR/Regular grant to research groups

Title of project: *The interaction of grammatical theory and the theory of analyzers*

Amount granted: 21 120 \$

1986-1988 Funding Agency: SSHRC/Regular grant

Title of project: *Toward a unified theory of binding*

Amount granted: 50 949 \$

1984-1986 Funding Agency: SSHRC/Regular grant

Title of project: *Argument structures*

Amount granted: 38 495 \$

1983-1987 Funding Agency: SSHRC

Title of project: *Argument structures*

Type and aim of research: Fundamental research which was aimed at formulating the realization of arguments in romance languages.

Location of research: UQAM

Amount granted: 109 190 \$

1983-1987 Funding Agency: FCAR

Title of project: *The interaction of grammatical theory and the theory of analyzers*

Type and aim of research: Fundamental research which aimed at defining the specific domain of the knowledge of natural languages (grammar) and the understanding of natural languages (parsing). It also aimed at linking the construction of the prototypes of analyzers governed by the principles of grammar.

Location of research: UQAM

Amount granted: 62 162 \$

Publications

Books and Volumes

Di Sciullo, A.M. (ed.) In preparation. *From Syntax to the Interfaces*. Open Generative Syntax.

Di Sciullo, A.M. (ed.) In Preparation. Functional Categories. Special issue of *Linguistic Analysis*.

- Di Sciullo, A.M., 2017. (ed.) *Biolinguistics. Critical Concepts in Linguistics*. Volume 1 *Foundations*; Volume II *Language Development*; Volume III *Variation*; Volume IV *Complexity and Efficiency*. Routledge. Taylor and Francis. 1632p.
- Di Sciullo, A.M. (ed.) 2016. *Biolinguistic Investigations on the Language Faculty*. Amsterdam: John Benjamins. 256 pp.
- Di Sciullo, A.M. (ed.) 2012. *Towards a Biolinguistic Understanding of Grammar. Essays on Interfaces*. Amsterdam: John Benjamins. 362 pp.
- Di Sciullo, A.M. (ed.) 2011. *The Biolinguistic Enterprise: New Perspectives on the Evolution and Nature of the Human Language Faculty*. Oxford: Oxford University Press. 559 pp. (co-ed. C. Boeckx)
- Di Sciullo, A.M. (ed.) 2010. *Edges, Heads and Projections: Interface Properties*. Amsterdam: John Benjamins. 256 pp. (co-ed. V. Hill)
- Di Sciullo, A.M., 2005. *Asymmetry in Morphology*. Cambridge, Mass.: The MIT Press. 264 pp.
- Di Sciullo, A.M. (ed.) 2005. *UG and External Systems*. Amsterdam. John Benjamins. 395 pp.
- Di Sciullo, A.M. (ed.) 2003. *Proceedings of the 7th World Multiconference on Systemics, Cybernetics and Informatics. Volume 1: Information Systems. Technologies and Applications*. Orlando, Florida. 493 pp. (co-eds. N. Callaos, T. Ohta, and T.K. Liu)
- Di Sciullo, A.M. (ed.) 2003. *Asymmetry in Grammar, Volume 1: Morphology, Phonology and Acquisition*. Amsterdam/Philadelphia: John Benjamins. 402 pp.
- Di Sciullo, A.M. (ed.) 2008. *Interface Asymmetries. Special Issue of the Canadian Journal of Linguistics* 53. 278 pp.
- Di Sciullo, A.M. (ed.) 2003. *Asymmetry in Grammar, Volume 2: Syntax and Semantics*. Amsterdam/Philadelphia: John Benjamins. 306 pp.
- Di Sciullo, A.M. (ed.) 2002. *Le traitement de la grammaire et des langues naturelles*. Publication of the Federation on Natural Language Processing. Presses de l'Université du Québec à Montréal. 164 pp.
- Di Sciullo, A.M. (ed.) 1997. *Projections and Interface Conditions: Essays on Modularity*. Oxford University Press. New York. 257 pp.
- Di Sciullo, A.M. (ed.) 1996. *Configurations: Essays on Structure and Interpretation*. New York. Cascadilla Press. 352 pp.
- Di Sciullo, A.M. (ed.) 1996. *L'interface SyntaxeSémantique*. Paris: Presses Universitaires de Vincennes. 149 pp. (co-ed. A. Zribi-Hertz)
- Di Sciullo, A.M. (ed.) 1990. *Binding in Romance: Essays in Honour of Judith McA'Nulty*. Publication spéciale de l'Association canadienne de linguistique. 305 pp. (co-ed. A Rochette)
- Di Sciullo, A.M. 1987. *On the Definition of Word*. Cambridge. Mass.: The MIT Press. 118pp. (co-author E. Williams)

Di Sciullo, A.M. 1986. *Théorie et Description en Grammaire Générative*. Québec. Éditeur officiel: Office de la langue française. 228 pp.

Scientific Articles in Referred Journals

Di Sciullo, A.M. 2017. Asymmetry and the language faculty. *Rivista Lettras special edition on the 60th anniversary of Syntactic Structures. (1957- 2017)*, 13(2): 88-107.

Di Sciullo, A.M. 2017. Time-counting expressions as aspectual complex numerals. *Rivista Lettras*, 96: 377-397. (c. M. Español-Echevarría)

Di Sciullo, A.M., 2016. Using hybridization networks to retrace the evolution of Indo-European languages. *BMC Evolutionary Biology* 16: 180. (c M. Willems, E. Lord, L. Laforest, G. Labelle, F.J. Lapointe and V. Makarenkov)

Di Sciullo, A.M. 2016. Biolinguistics and the Human Language Faculty. *Language*, 92(3): e1-e32. (c. L. Jenkins)

Di Sciullo, A.M. 2015. On the Domain Specificity of the Human Language Faculty and the Effects of Principles of Computational Efficiency: Contrasting Language and Mathematics. *Linguistica*. 11 (1) 28-56.

Di Sciullo, A.M. 2015. On the Asymmetry of Language and Genes, L-words and DNA words. *Czech and Slovak Linguistic Review*.2:1-18.

Di Sciullo, A.M. 2015. Natural Language Processing, Biolinguistics and Digital Libraries. *World Digital Library: An International Journal* 8(1), DOI: 10.18329/09757597/2015/8101.

Di Sciullo, A.M. 2013. Exocentric Compounds, Language and Proto-Language. *Language and Information Society*: 1-26.

Di Sciullo, A.M. 2013. Variation in the Position of the Definite Determiner in Romanian: A Biolinguistic Perspective. *Romance Linguistics in the Pacific: Variation in Time and Space. Special Issue of the Australian Journal of Linguistics* 33(2): 121-139. Taylor & Francis. (c. S. Somesfalean)

Di Sciullo, A.M. et al. 2010 The Biological Nature of Human Language. *Biolinguistics* 4: 4-34.

Di Sciullo, A.M. 2010. The Biolinguistic Network. *Biolinguistics* 4: 1-11.

Di Sciullo, A.M. 2009. On the Morphological Compositionality of Determiners. *Revista Letras* 73: 203-222. (co-author M. Landman)

Di Sciullo, A.M. 2008a. The Asymmetry of Merge. *Biolinguistics* 2: 260-290. (c. D. Isaac)

Di Sciullo, A.M. 2008b. Movement Chains at the Interfaces. *Canada Journal of Linguistics. Special Issue on Interfaces* 53: 181-217. (c. D. Isaac)

- Di Sciullo, A.M. 2008. Interface Asymmetries. *Canada Journal of Linguistics. Special Issue on Interfaces* 53: 139-142.
- Di Sciullo, A.M. 2008. The Delay of Condition B Effect and its Absence in Certain Languages. *Language and Speech* 51: 77-100. (c. C. Auguero Bautista)
- Di Sciullo, A.M. 2006. Pronominal Anaphora Processing. *International Journal of Computer Systems Science and Informatics* 3 (4): 67-74.
- Di Sciullo, A.M. 2005. Decomposing Compounds. *SKASE Journal of Theoretical Linguistics*:14-33.
- Di Sciullo, A.M. 2005. Affixes at the Edge. *Canadian Journal of Linguistics*: 83-117.
- Di Sciullo A.M. 2005. Natural Language Asymmetry in Internet Infrastructure. *International Journal of Electronic Business* Vol 3:. Special Issue on: Multidisciplinary, Interdisciplinary and Transdisciplinary Research in Electronic Business: 328-338
- Di Sciullo, A.M. 2004. The Role of Configurational Asymmetry in the Lexical Access of Prefixed Verbs: Evidence from French. *Brain and Language* 90: 143-150. (c. K. Tsapkini and G. Jarema)
- Di Sciullo, A.M. 2000. Asymmetries: Consequences for Morphological Configurations and Paradigms. *Acta Linguistica Hungarica* 47: 81-101.
- Di Sciullo, A.M. 1998. Features and Asymmetrical Relations in Morphological Objects. *GLOW Newsletter* 68-69.
- Di Sciullo, A.M. 1996. Configurational X⁰/XP Asymmetries. *GLOW Newsletter* 43-44.
- Di Sciullo, A.M. 1996. Modularity and X⁰/XP Asymmetries. *Linguistic Analysis*. 26: 1-26.
- Di Sciullo, A.M. 1996. Configurations et Interprétation: Les Morphèmes de Négation. *Recherches linguistiques de Vincennes* 25: 27-52 (c. M. Tremblay)
- Di Sciullo, A.M. Word Internal Pronouns and Reflexives. 1996. *Belgian Journal of Linguistics on Anaphoric Relations and (In)coherence*, John Benjamins. The Belgian Circle of Linguistics. Pp.103-121.
- Di Sciullo, A.M. 1995. A Modular Approach to the Selectional Properties of Derivational Affixes. *De Grammatica Generativa*: 67-91.
- Di Sciullo, A.M. 1993. The Complement Domain of a Head at Morphological Form. *Probus: International Journal of Latin and Romance Linguistics*, 5.2: 95-125.
- Di Sciullo, A.M. 1991. Modularity and the Mapping from the Lexicon to Syntax. *Probus: International Journal of Latin and Romance Linguistics*, 2.3: 257-290.
- Di Sciullo, A.M. 1991. Prédicats Légers et Quasi-légers. *Revue québécoise de linguistique* 20: 13-36. (c. S. Rosen)
- Di Sciullo, A.M. 1991. Multi-Level Saturation. MIT Lexicon Project Working Papers 33: 1-19. Center for Cognitive Science, Cambridge, Mass: The MIT Press.

- Di Sciullo, A.M. 1990. Sur la Définition des Variables. In A.M. Di Sciullo and A. Rochette (ed), *Binding in Romance*. Canadian Journal of Linguistics, 19-41.
- Di Sciullo, A.M. 1989. Analyse Catégorielle et Argumentale des Objets Morphologiques. *Revue de liaison de la recherche en informatique cognitive des organisations* 1: 43-56.
- Di Sciullo, A.M. 1986. Government and Code Mixing. *The Journal of Linguistics* 22: 1-24. (c. P. Muysken and R. Singh)

Papers in Referred Volumes

- Di Sciullo, A.M., M. Nicolis and S. Somesfalean. In preparation. *Comitative P*. In J. Garzonio & S. Rossi (eds.), *Variation in Prepositions*. Oxford Studies in Comparative Syntax. Oxford University Press.
- Di Sciullo, A.M. and C. Agüero-Bautista. 2016. *The Bilingual Program – Questions and Hypotheses*. Dans Anna Maria Di Sciullo (ed.) *Bilingual Investigations on the Language Faculty*. *Linguistik Aktuell/Linguistics Today* 235, pp3-40. John Benjamins.
- Di Sciullo, A.M. and S. Somesfalean. 2015. Object Pronouns in the Evolution of Romanian: a Bilingual Perspective. In V. Hill (ed.), *Formal Approaches to DPs in Old Romanian* 269-290. Leiden, Boston. Brill.
- Di Sciullo, A.M. 2014. On the Asymmetric Nature of the Operations of Grammar: Evidence from Codeswitching. In J. Mac Swain (ed.), *Grammatical Theory and Bilingual Codeswitching* 63-85. Cambridge Mass: The MIT Press.
- Di Sciullo, A.M. 2014. Minimalism and I-Morphology. In P. Kosta, S. Franks and T. Radeva-Bork (eds), *Minimalism and Beyond: Radicalizing the interfaces* 267-286. Amsterdam: John Benjamins.
- Di Sciullo, A.M. 2013. A Reason to Optimize Information Processing with a Property of Natural Language. In H. Fujita (ed.), *Frontiers in Artificial Intelligence and Applications* 247: 437-456. Amsterdam: IOS Press.
- Di Sciullo, A.M. 2012. Perspectives on Morphological Complexity. In F. Kiefer, M. Ladanyi and P. Siptar (eds), *Morphology. (Ir)regularity, Frequency, Typology*, 105-135. Amsterdam: John Benjamins.
- Di Sciullo, A.M. 2012. Interfaces in a Bilingual Perspective. In A.M. Di Sciullo (ed.), *Towards a Bilingual Understanding of Grammar. Essays on Interfaces*, 1-12. Amsterdam: John Benjamins.
- Di Sciullo, A.M. 2012. Asymmetric Agreement in Pronominal Anaphora. In H. Fujita and R. Revetria (eds.) *Frontiers in Artificial Intelligence and Applications* 246, 395-410. Amsterdam: IOS Press.
- Di Sciullo, A.M. 2011. A Bilingual Approach to Variation. In A.M. Di Sciullo and C. Boeckx (eds.), *The bilingual Enterprise: New Perspectives on the Evolution and Nature of the Human Language Faculty*, 305-328. Oxford: Oxford University Press.

- Di Sciullo, A.M. 2011. Why are Compounds Part of Natural Languages: A View from Asymmetry Theory. In R. Lieber and P. Štekauer (eds.), *Handbook of Compounds*, 145-177. Oxford: Oxford University Press.
- Di Sciullo, A.M. and N. Tomioka. 2011. Compound Representation at the Interface. In P. Bański, B. Łukaszewicz and M. Opalińska and J. Zaleska (eds.), *Generative Investigations Syntax-Morphology and Phonology*, 48-62. Cambridge Scholars Publishing.
- Di Sciullo, A.M., P. Gabrini, C. Batori, and S. Somesfalean. 2010. Asymmetry, the Grammar, and the Parser. In G. Ferrari, R. Benatti and M. Mosca (eds.), *Linguistica e Modelli Tecnologici di Ricerca*, 477-494. Rome: Bulzoni.
- Di Sciullo, A.M. 2010. Affixal Scope and Affix-Root Precedence Relations in Italian. In S. Baauw, F. Drijkoningen and M. Pinto (eds.), *Romance languages and linguistic theory*, 99-114. Amsterdam: John Benjamins.
- Di Sciullo, A.M. 2007. A Remark on Natural Language and Natural Language Processing from a Bilingual Perspective. In H. Fujita and D. Pisanelli (eds.), *New Trends in Software methodologies Tools and techniques. Frontiers in Artificial Intelligence and Applications*, 126-144. Amsterdam. ISO Press.
- Di Sciullo, A.M. 2005. Quantification and Aspect. In A. van Hout, H. de Swart et H. Verkuyl (eds.), *Perspectives on Aspect*, 61-80. Springer. (c. R. Slabakova)
- Di Sciullo, A.M. 2005. Morpho-Syntax Parsing. In Anna Maria Di Sciullo (ed.), *UG and External Systems*, 247-268. Amsterdam. John Benjamins. (c. S. Fong).
- Di Sciullo, A.M. 2003. The Clause Structure of Extraction Asymmetries. In A.M. Di Sciullo (ed.), *Asymmetry in Grammar. Vol 1: Syntax and Semantics*, 279-300. Amsterdam: John Benjamins. (co-authors I. Paul and S. Somesfalean).
- Di Sciullo, A.M. 2003. Morphological Relations in Asymmetry Theory. In A.M. Di Sciullo (ed.), *Asymmetry in Grammar. Vol 2: Morphology, Phonology, Acquisition*, 9-36. Amsterdam: John Benjamins.
- Di Sciullo, A.M. 2003. Spatial Relations in Morphological Objects. In Booij, G., DeCesaris, J., Ralli, A., and S. Scalise (eds.), *Topics in Morphology*. Selected papers from the Third Mediterranean Morphology Meeting, 29-49. Institut Universitari De Linguística. Universitat Pompeu Fabra, Barcelona.
- Di Sciullo, A.M. 2002. The Asymmetry of Morphology. In P. Boucher (ed.), *Many Morphologies*, 1-33. New York: Cascadilla Press.
- Di Sciullo, A.M. 1999. Verbal Structure and Variation. In E. Trevino and J. Lema (eds.), *Semantic Issues in Romance Syntax*, 39-57. Amsterdam/Philadelphia: John Benjamins.

Referred Proceedings

- Di Sciullo, Anna Maria. 2018. Knowledge of language and knowledge science. In H. Fujita et E. Herrera-Viedma (eds.), *New Trends in Intelligent Software Methodologies, Tools and Techniques: Proceedings of the 17th SoMeT*, Granada: IOS Press. 858-869.

- Di Sciullo, Anna Maria. 2017. Variation in the pronunciation/silence of the prepositions in locative determiners. In *Proceeding Annual Meeting of the Linguistic Society of America, Vol 2 (2017)*, 22-1-15.
- Di Sciullo, A.M. 2017. Asymmetry Based Parsing and Semantic Compositionality. In H. Fujita et al. (Eds.) *New Trends in Intelligent Software Methodologies, Tools and Techniques: Proceedings of the 16th SoMeT*. Kitakyushu: IOS Press: pp.190-203.
- Di Sciullo, A.M. 2015. Asymmetry Theory and Asymmetry Based Parsing. In H. Fujita and G. Guizzi (eds.), *Communications in Computer and Information Science* 532: 252-268. Springer.
- Di Sciullo, A.M. 2013 Language Faculty, Complexity Reduction and Symmetry Breaking. In M. Richards (ed.), *GLOW Newsletter* 70.
- Di Sciullo, A.M. 2013. **Invited paper**. Natural Language Processing, Biolinguistics and Digital Libraries. *Proceedings of the International Conference on Digital Libraries (ICDL 2013)*. New Delhi.
- Di Sciullo, A.M. 2013. A Reason to Optimize Information Processing With a Core Property of Natural Language. *Proceedings of SoMet 2013*: Obuda University, Budapest.
- Di Sciullo, A.M. 2012. Biolinguistics, Minimalist Grammars and the Emergence of Complex Numerals. *Evolang IX. Workshop on Theoretical Linguistics/Biolinguistics*: 13-18.
- Di Sciullo, A.M. 2010. Classification of the Indo-European Languages Using a Phylogenetic Network Approach. In Hermann Locarek-Junge and Claus Weihs (eds.), *Proceedings of the IFCS 2009. Studies in Classification, Data Analysis, and Knowledge Organization*, 647-655. Springer Berlin-Heidelberg-New York. (co-authors A. Boc and V. Makarenkov)
- Di Sciullo, A.M. 2010. On Wh-words of Ethiopian Semitic Languages. *Proceedings of the North American Conference on Afroasiatic Linguistics* vol. 35. (co-author D. P. Banksira)
- Di Sciullo, A.M. 2010. Information Processing Redux. In H. Fujita (ed.), *Proceedings of the 2010 Conference on New Trends in Software Methodologies, Tools and Techniques: SoMeT_10*, 437-45. Amsterdam: IOS Press.
- Di Sciullo, A.M. 2010. Pronominal Anaphora Understanding. *Intelligent Systems Design and Applications 2010. 10th International Conference on Intelligent System Design and Applications*, 1107-1112. (c. S. Somesfalean, C. Batori and P. Gabrini)
- Di Sciullo, A.M. 2009. Understanding Natural Language. *Proceedings of the Fourth International Conference on Intelligent Computing and Information Systems*. Ain Shams University. Cairo.
- Di Sciullo, A.M. 2008. Proper Subset Relation and Concord: Agreement in Abruzzese Possessive Copular Constructions. *North East Linguistic Society* 38. University of Massachusetts, Amherst. (c. R. D'Alessandro)
- Di Sciullo, A.M. 2007. Efficient Computation and Interface Conditions. A Biolinguistic Approach to Natural Language and Natural Language Processing. In M. E. Khalika and A.-B. M. Salem (eds.), *Proceedings of the Third International Conference on Intelligent Computing and Information Systems*, 18-24. Ain Shams University, Cairo.
- Di Sciullo, A.M. 2006. Grammar and the Shortest Path. *World Scientific and Engineering Academy and Society* 9:1781-1788.

- Di Sciullo, A.M. 2006. Processing Bound Pronouns. *Enformatika* 1:74. Prague, Czech Republic.
- Di Sciullo, A.M. 2006. Asymmetry, the Grammar, and the Parser. Roma, Bulzoni. Pubblicazioni della SLI. (co-authors P. Gabrini, C. Batori and S. Somesfalean)
- Di Sciullo, A.M. 2005. Handling Pronouns Intelligently. In H. Fujita and M. Mejri (eds.), *New Trends in Software Methodologies, Tools and Techniques. Frontiers in Artificial intelligence and Applications*. 195-207. IOS Press.
- Di Sciullo, A.M. 2005. Affixal Scope and Precedence Relations. In Kiyong Choi and C. Yim (eds.), *Ellipsis in Minimalism. Korean Generative Grammar Circle*, 135-154. Konkuk University, Seoul.
- Di Sciullo, A.M. 2005. Domains of Argument Structure Asymmetries. *WMSCI-2005. Proceedings form the 9th World Multi-Conference on Systemics, Cybernetics and Informatics*, 316-320. (**Best paper award in Human Information Systems**)
- Di Sciullo, A.M. 2004. Morphological phases. In *The 4th GLOW in Asia 2003. Generative Grammar in a Broader Perspective*. 113-137. *The Korean Generative Grammar Circle and Cognitive Science*, Seoul National University.
- Di Sciullo, A.M. 2003. Asymmetry Theory and Information Systems. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics. Vol. 1, Information Systems. Technologies and Applications*, 1-7. Orlando, Florida.
- Di Sciullo, A.M. 2003. Asymmetry Based Lexicon. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics, Vol. 1, Information Systems. Technologies and Applications*, 7-12. Orlando, Florida. (c. D. Isac, A. Bricaud, M. Champagne-Desbiens, L. Darche, R. Hebert and M. Simon).
- Di Sciullo, A.M. 2003. Natural Language Asymmetries and the Construction of Question Answering Systems. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics. vol.1. Information Systems. Technologies and Applications*, 13-18. Orlando, Florida. (c. C. Agueru Bautista)
- Di Sciullo, A.M. 2003. Asymmetry in Morphological Objects and Derivational Complexity. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics, vol.1. Information Systems. Technologies and Applications*, 19-24. Orlando, Florida.
- Di Sciullo, A.M. 2003. The Asymmetric Properties of Morphological Phases, their Relevance for Information Processing. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics, vol.1. Information Systems. Technologies and Applications*, 25-30. Orlando, Florida. (c. M. Achim, S. Burelle, P. Gabrini and S. Somesfalean)
- Di Sciullo, A.M. 2002. Asymmetry-Based Morphological Analyzers: Using Natural Language Asymmetries in Information Processing. In *Proceedings of the 6th World Multiconference on Systemics, Cybernetics and Informatics*. Orlando, Florida.

- Di Sciullo, A.M. 2002. Strict Asymmetry Theory and Morpho-Conceptual Parsing. In *World Multiconference on Systemics, Cybernetics and Informatics*, 481-487. Orlando. Florida.
- Di Sciullo, A.M. 2001. Efficient Parsing for Word Structure. *NLPRS2001. Proceedings of the 6th Natural Language Processing Pacific Rim Symposium*: 741-748. (c. S. Fong)
- Di Sciullo, A.M. 2000. Asymmetry, Zero Morphology and Tractability. *PACLIC 15. Proceedings of the 15th Pacific Asia Conference on Language Information and Computation*, 61-72, University of Hong Kong. (co-author S. Fong)
- Di Sciullo, A.M. 2000. Parsing Asymmetries. In D. Christodoulakis (ed.), *Natural Language Processing – NLP 2000*. Second International Conference, Patras, Greece. Lecture notes in Computer Science, Volume 1835: Lecture notes in artificial Intelligence. Berlin: Springer: 24-39.
- Di Sciullo, A.M. 2001. Lexical Semantic Theory Based on Natural Language Asymmetry and Consequences for Information Retrieval. *WSSL*. University of Pisa.
- Di Sciullo, A.M. 2000. Paths in Words. *European Summer School in Logic, Language and Information* 35-49. Birmingham, United Kingdom.
- Di Sciullo, A.M. 1999. Local Asymmetry. *Papers from the Upenn/MIT Roundtable on the Lexicon. MIT Working Papers in Linguistics* 35: 25-49. Cambridge: The MIT Press.
- Di Sciullo, A.M. 1999. An Integrated Competence-Performance Model, a Prototype for Morpho-Conceptual Parsing and Consequences for Information Processing. *VEXTAL* 369-379. Ca'Foscari University, Venice.
- Di Sciullo, A.M. 1999. Formal Context and Morphological Analysis. *CONTEXT'99* 105-119. University of Trento. Berlin: Springer Publisher.
- Di Sciullo, A.M. 1999. Conceptual Knowledge and Interpretation. *International Conference on Cognitive Science et 16th Annual Meeting of the Japanese Cognitive Science Society*, 701-705. Wadesea University, Tokyo, Japan.
- Di Sciullo, A.M. 1999. Economy of X⁰/XP Derivations. In G. Booij, A. Ralli and S. Scalise (eds.), *Proceedings of the First Mediterranean Conference on Morphology*, 120-132. Patras University.
- Di Sciullo, A.M. 1998. Sur la Réalisation des Arguments. *Proceedings of the 19th International Conference on Romance Linguistics and Philology* 23-57. Santiago de Compostella, Spain.
- Di Sciullo, A. 1998. The Local Asymmetry Connection. In L. Pylkkänen (ed). *MIT Working Papers in Linguistics* 35: *Papers from the UPENN/MIT Roundtable on the Lexicon*, 25–49. Cambridge, MA: MITWPL
- Di Sciullo, A.M. 1997. Modification, Event Structure and the Word/Phrase Asymmetry. In P. Tamanji and K. Kusumoto (eds.), *Proceedings of the North East Linguistic Society* 28: 375-389. (c. C. Tenny)
- Di Sciullo, A.M. 1995. A Modular Approach to the Selectional Properties of Derivational Affixes. In P. Goenaga (ed.), *De Grammatica Generativa. Seminario de Filologia Vasca "Julio de Urquijo" XXXVIII*, 67-80. University of Basque Country, Gasteiz.

- Di Sciullo, A.M. 1995. Argument Structure and Compounds: Some Differences Between English, Italian and Greek. *Aspects multilingues de la composition nominale* 75-87. University of Geneva. (c. A. Ralli)
- Di Sciullo, A.M. 1994. Prefixes and Suffixes. In C. Parodi, C. Quicoli, M. Saltarelli and M.-L. Zubizarreta (eds.), *Romance Linguistic in Los Angeles: Selected Papers from the 14th Linguistic Symposium on Romance Languages*. Washington: Georgetown University Press.
- Di Sciullo, A.M. 1994. Modifying Affixes. *Proceedings of the Western Conference on Linguistics* 6: 68-80. University of Seattle, Washington. (c. E. Klipple)
- Di Sciullo, A.M. 1993. Selection and Derivational Affixes. *Proceedings of the 5th International Morphology Meeting*. Krems, Austria.
- Di Sciullo, A.M. 1992. On the Properties of Romance and Germanic Deverbal Compounds. In E. Fava (ed.), *Proceedings of the XVIIth Meeting of Generative Grammar*, 191-210. Torino: Rosenberg and Sellier.
- Di Sciullo, A.M. 1992. Saturation pré-syntaxique. *Actes de l'Institut linguistique du Maroc* 52-71.
- Di Sciullo, A.M. 1991. On the Structure of Deverbal Compounds. *Università di Venezia Working Papers in Linguistics*, 72-112.
- Di Sciullo, A.M. 1991. Catégorie et Structure d'argument: le Cas des Nominaux. In A. G. Mocciano and G. Soravia (eds.), *Proceedings of the Italian Linguistic Society*, 109-124. Rome: Bulzoni.
- Di Sciullo, A.M. 1991. Light and Semi-Light Verb Constructions. In K. Dziwirek, P. Farrell and E. Mejias-Bikandi (eds.), *Grammatical Relations: A Cross Theoretical Perspective*, 109-125. Stanford, California. (c. Sara Rosen)
- Di Sciullo, 1991. Sub-X⁰ Saturation: The Case of Italian Deverbal Compounds. *Proceedings of the Western Conferences on Linguistics* 20: 37-52. University of Texas, El Paso.
- Di Sciullo, 1989. Two Types of Implicit Arguments *Proceedings of the 8th West Coast Conference on Formal Linguistics*, 49-69. Stanford Linguistic Association.
- Di Sciullo, 1988. Argument Satisfaction: Lexical and Syntactic. *Workshop on the Interaction of the Lexicon with other Modules of the Grammar. GLOW Newsletter* 57-58.
- Di Sciullo, 1988. Configurational Properties of Argument Structure. In A. Fassi Fehri et al. (eds.), *Proceedings of the First International Conference of the Linguistic Society of Morocco*, 77-98. Okad.
- Di Sciullo, 1988. Word Structure Parsing. In M. Snell-Hornby (ed.), *Proceedings of Zurilex'86*, 401-417. Tübingen.
- Di Sciullo, A.M. 1986. Noun Incorporation vs. Cliticization. *Proceedings of the North East Linguistic Society* 16, UMASS, Amherst. (c. E. Williams)
- Di Sciullo, A.M. 1984. Le Rôle des Déterminants dans les Expressions Figées des Langues Romanes. *La locution: Colloque international CERES*.

- Di Sciullo, A.M. 1984. Les Paramètres dans l'acquisition des Langues Étrangères. *Colloque GREDIL*. Presses de l'Université Laval.
- Di Sciullo, A.M. 1983. Le Traitement Lexical des Phrases Figées du Français, de l'Italien et de l'Espagnol. *Linguistique descriptive phonétique, morphologie et lexique: Congrès international de linguistique et de philologie romanes*, 281-292. Université de Provence.
- Di Sciullo, A.M. 1981. Les Actes de Requêtes dans les Énoncés de Forme Interrogative en Français de Montréal. In C. Lefebvre (ed.), *Le français parlé en milieu populaire*, 155-175. Office de la langue française. (c. M. St-Pierre)
- Di Sciullo, A.M. 1981. On Strict Subcategorization. Proceedings of the 10th *Symposium on Romance Languages*. Georgetown University Press.
- Di Sciullo, A.M. 1974. Sélection et Alternance des Langues chez les Montréalais d'origine Italienne. *XVI Congresso internazionale di linguistica e filologia romanza* 577-591. Amsterdam: John Benjamins. (c. A. Van Ameringen, H. Cedergren and P. Pupier)

Referred Conferences, Invited and Keynote Talks

2019

- February A formalist approach to interface asymmetries. **Invited speaker**. International Conference on Explanation and Prediction in Linguistics: Formalist and Functionalist Approaches Heidelberg, Allemagne.
- January Language and the computational brain. **Invited speaker**. Workshop on Computational Brain Research at IIT Madras, India.

2018

- October Unpronounced functional head. What do they tell us about the language faculty? Department of Linguistics at Beijing Language and Culture University. University of Beijing, China.
- September Knowledge of language and knowledge science. *SoMet 2018*. Granada, Spain.
- August Merge, externalization, and interface asymmetries. *51st Annual Meeting of the Societas Linguistica Europaea*. Tallin, Estonie.
- November Asymmetry and externalization. **Invited speaker**. *Biolinguistic Conference on Interface Asymmetries*. New York University.

2017

- November **Invited speaker.** Asymmetry and Externalization. *Biolinguistic Conference on Interface Asymmetries*. New York University, New York, NY.
- March **Invited speaker.** Edge Morphology and Third Factor Principles. *Stony Brook Linguistics colloquium*, SUNY, Stony Brook University, New York, NY.
- February **Invited Speaker.** Unpronounced morphology and interface asymmetries. *University of Arizona at Tucson Linguistic Department Colloquium*. Tucson, Arizona.
- January Variation in the Pronunciation/Silence of the Preposition in Locative Determiners. *LSA Annual Meeting*, Austin, Texas.

2016

- November On Morphology and Interface Asymmetries. Morph Beer. NYU. New York.
- September On the Pronunciation/Silence of Certain Prepositions in Italian. NYU Syntax Brown Bag. New York.
- September *Aspect in time*. Paper presented at the Workshop on The Profile of Event Delimitation, at the 49th Meeting of the Societas Linguistica Europae, University of Naples, Federico Italy II, Naples.
- August **Invited Speaker.** Variazione Nei Determinanti Locativi nel Dialetto Fallese (Variation in the locative determiner in Fallese). *La Festa del ritorno. Il dialetto abruzzese in Italia e fuori d'Italia. A cento anni dalla nascita di Ernesto Giammarco*. Centro Studi sui Dialetti, Introdacqua. Italy.

2015

- September Asymmetry and Asymmetry based Parsing. SoMet. Naples, Italy.
- September Morphology and the Human Language Faculty. MMM10. Haifa. Israel.
- June Object pronouns in the evolution of Romanian: a biolinguistic perspective. *Linguistic Symposium on Romance Languages 45*. University of Campinas, Brazil.
- March **Invited Speaker.** On the domain specificity of the Language Faculty and the effects of Principles of efficient computation. *The 3rd ANPOLL International Psycholinguistics Congress in honor of Jacques Mehler*. Pontifical Catholic University of Rio de Janeiro and the Federal University of Rio de Janeiro, Brazil. (a series of three talks)
- February **Invited Speaker.** Modeling dynamic aspects of language variation through time and space. *Workshop on Language Variation and Change and Cultural Evolution*. University of York, England.
- January *Language Faculty, Language Development and Object Pronouns in Romanian* Biolinguistic

Perspective on the Language Faculty. Biolinguistic Conference. IUSS, Pavia, Italy. (with S. Somesfalean)

2014

September **Invited speaker.** Language universals, language variation and the predictions of the Directional Asymmetry Principle. *6th International conference on Modern Greek*

June *Dialects & Linguistic Theory.* University of Patras. Patras. Greece.
Economy, I-morphology and the case of *-esimo*. *Linglunch.* Université de Paris VII. Paris, France.

May **Invited speaker.** Morphology and computation. *Morphology Fest. Symposium on Morphological Complexity.* Indiana University. Bloomington. USA. (A series of four talks)

Invited speaker. L-words and DNA word. *Symposium sur Informational Fundamentals of Life: Genomes and Languages.* University of Omolouc. Omolouc, Czech Republic.

Economy and multifunctional affixes. *16th International Morphology Conference.* Budapest, Hungary.

2013

November **Invited speaker.** Natural Language Processing, Biolinguistics and Digital Libraries. *ICDL 2013.* New Delhi.

Invited speaker. Problems of Domain, Universals and Reduction of Complexity. *Can there be an Hilbert List for Syntax?* IUSS, University of Pavia. Pavia, Italy.

October **Invited speaker.** Minimalism and I-Morphology. *Internalism: A Workshop in Honour of Jim McGilvray.* Université McGill. Montreal, Canada.

Comitative P. *Variation in Prepositions.* Université Ca Foscari, Venice, Italy. (with M. Nicolis)

September A Reason to Optimize Information Processing With a Core Property of Natural Language *SoMet 2013.* Obuda University, Budapest.

July The Great Leap Forward and the Emergence of Complex Numerals. Advances in Biolinguistics. *19e Congrès International des Linguistiques.* University of Geneva, Switzerland.

Evo-Devo Language Universals. Advances in Biolinguistics. *19e Congrès International des Linguistiques,* University of Geneva. Switzerland. (with M. Nicolis and S. Somesfalean)

April Language Faculty, Complexity Reduction and Symmetry Breaking. *GLOW 36.* Lund, Sweden.

February Computational Efficiency in Naming Big Numbers. Computation, Computational Complexity and Cognitive Sciences. *Annual Conference AAAS.* Boston, USA.

2012

October **Invited speaker.** An Evolutionary Developmental Constraint. *Department of Linguistics and Philosophy MIT*. Cambridge, Massachusetts, USA.

September Asymmetric Agreement in Pronominal Anaphora. *SOMET*, Genoa, Italy.

August Morpho-syntactic Evolution in the Nominal Domain. *Typology and Universals in Word-Formation II*. Kosice, Slovakia.

March **Invited speaker.** Asymmetry in Complex Numerals. *Linguistics Circle Colloquium*. Harvard University, Cambridge, Massachusetts, USA.

Invited speaker. Bilingualism, Minimalist Grammars and the Emergence of Complex Numerals. *Evolang IX. Workshop on Theoretical Linguistics/Bilingualism*. Kyoto, Japan.

January Arithmetic and language as biologically grounded in FLN. *Linguistic Society of America*. Portland, Oregon, USA.

2011

December Variation in the Position of the Definite Determiner in Romanian: A Bilingual Perspective. Colloque Romance Linguistics in the Pacific. *Annual Conference of the Australian Linguistic Society (ASL2011)*. The Australian National University, Canberra, Australia. (with S. Somesfalean)

November Third Factor in the Development of P. *North East Linguistic Society 42*. University of Toronto, Toronto, Canada. (with M. Nicolis)

October **Invited speaker.** I-Morphology, Operations, Interfaces and Complexity. *Workshop on Minimalism Quo Vadis?* Potsdam University, Germany.

Invited speaker. Bilingual Micro-Variation in the Expression of Directed Motion Events and the Limits of Broad Typological Splits and Macro Parameters. *Workshop on verbal elasticity. Framing the verb/satellite distinction from a bilingual perspective*. Universidad Autonoma de Barcelona. Barcelona, Spain.

September Fossils in Language? Advances in Bilingualism. *Societas Linguistica Europaea*. University of La Rioja, Logroño. Espagne.

Exploration of the Mind as an Inhabitant of the Natural World. *The Character of Mind*, Advanced Institute of Indian Studies, Shimla, Himalaya, India.

Language Creativity in Numerals. *New perspectives in Language Creativity: Composition and Recursion*. Université du Québec à Montréal. Montreal, Quebec, Canada.

2010

May Perspectives on Morphological Complexity. *14th International Morphology Conference*. Budapest, Hungary.

February **Invited speaker.** Information Processing. *International Conference on Digital Libraries 2010*. New Delhi. India.

2009

- September Understanding Natural Languages. *SoMet7*, Prague, Czech Republic
- Recursion and NLP. *7th Mediterranean Morphology Meeting*. University of Cyprus, Greece.
- June **Invited speaker.** Directional Asymmetry in Language Evolution and Variation. *4th International Conference of Modern Greek Dialects and Linguistic Theory*. Patras. Greece.
- Invited speaker.** Micro and Macro Complexity. *Workshop At the Roots of Complexity. The Emergence of Structure in Matter, Brain, Life Language*. Villa Gualino. Turin, Italy.
- January **Invited speaker.** Understanding Natural Language. *Fourth International Conference on Intelligent Computing and Information Systems*. Ain Shams University. Cairo, Egypt.

2008

- October **Invited speaker.** Asymmetry and Morphological Variation. Harvard University, Cambridge, Massachusetts, USA.
- September **Invited speaker.** Why do Words do Not Have a Truth Value? *Biosemanitics: Workshop on the Status of Semantics in the Biological Approach to Language*. University of Leiden, Netherlands.
- July Asymmetry and Interface Conditions. Interface Conditions. 18th International Congress of Linguists. University of Seoul. South Korea.
- On the Structure of Possessive Constructs: Evidence from Abruzzese Italian Dialects. *Morpho-Syntax of Italian Dialects/Cambridge Italian Dialect Syntax Meeting*. Pescara, Italie. (with R. D'Alessandro)
- April Compound Representation at the Interface. *Generative Investigations: Syntax, Morphology, and Phonology*. Warsaw, Poland (with N. Tomioka)
- February On (Im)Possible Morphological Variation. *13th International Morphology Meeting*. Vienna, Austria.

2007

- November A Remark on Natural languages and Natural Language processing from a biolinguistic perspective. *SOMET 2007*. Rome, Italy.
- October Proper subset relation and concord: agreement in Abruzzese Possessive Copular constructions. *NELS 38*. University of Ottawa. Ottawa, Canada.
- June (Bio)morphological variation. *Biolinguistic Approaches to Language Evolution and Variation Conference*. University of Venice. Italy.

March **Keynote Speaker.** Efficient computation and interface conditions. Biolinguistic approach to language and language processing *Third International Conference on Intelligent Computing and Information System*. Ain Shams University, Cairo, Egypt.

March **Invited speaker.** Words, phases, and compositionality. *Incontro di Grammatica generativa*. University of Bologna. Italy.

February Hierarchies in words. *Biolinguistic Investigations*. Santo Domingo, Dominican Republic.

2006

June Edges, heads, and truth value. *Interface Legibility at the Edge*. Universitu of Bucarest. Bucarest, Roumania.

May **Invited speaker.** Affixes at the edge. Canadian Linguistic Association conference. York University. Toronto, Ontario, Canada.

Head_F and scope. 12th *International Morphology Meeting*. Hungarian Accademy of Sciences. Budapest, Hungary.

April Proximal *a-* in Fallese. *First Cambridge Italian Dialect Conference*. University of Cambridge. Cambridge, England.

February **Keynote speaker** Processing Bound Pronouns. *Enformatika*. Prague, Czech Republic.

2005

December Affixal Legibility. *Going Romance*. Université d'Utrecht. Pays-Bas.

November **Invited speaker.** À quand un vraie conversation avec le web? *Intracom*. Québec.

August Affixal Scope and Precedence Relations. 7th *Seoul International Conference on Generative Grammar*. Seoul.

July Two Properties of Argument Structure in Morphology. *Workshop on Issues on the Form and Interpretation of Argument Structure*. *LSA Summer School*. Harvard-MIT, Boston.

January Affixes at the Edge. 79th Annual LSA Meeting. Oakland. California.

2004

July Natural Language Processing and the Modeling of Cognitive/Computational Interface. *4th Conference of the Federation on Natural Language Processing in the International Conference on Advances in the Internet, Processing, Systems, and Interdisciplinary Research*. Pescara, Italy.

July Possible Extraction Domains and Move/Re-Merge as an Asymmetric Relation. *4th Conference of the Federation on Natural Language Processing within the International Conference on Advances in the Internet, Processing, Systems, and Interdisciplinary Research*. Pescara, Italy. (with D. Isac)

- Query Processing and Natural Language Processing: Bridging the Abyss. *4th Conference of the Federation on Natural Language Processing within the International Conference on Advances in the Internet, Processing, Systems, and Interdisciplinary Research*. Pescara, Italy. (with P. Gabrini)
- May Traitement relationnel des composés. 72e Congrès ACFAS - *Colloque sur les Fondements relationnels du traitement des langues naturelles*. UQAM. (with S. Fong)
- Morphological Domains: the Asymmetry of Aspect Structure. *72e Congrès ACFAS - Colloque sur les Fondements relationnels du traitement des langues naturelles*. UQAM, Montreal, Quebec, Canada. (with K. Tsapkini and G. Jarema)
- March **Invited speaker**. Natural Language Asymmetry and Internet Infrastructures. *Advanced Web Engineering for E-Business Workshop*. Madrid, Spain.
- Entities. How to Access Them Through the Web. *Advanced Web Engineering for E-Business Workshop*. Madrid, Spain. (with M. Achim)
- Avoiding Ambiguity in the Interpretation of Weak Pronouns: Natural Language-Based Solutions to a Web-Search Problem. *Advanced Web Engineering for E-Business Workshop*. Madrid, Spain. (with S. Somesfalean)
- Improving Question Answering Systems with Natural Language Asymmetries. *Advanced Web Engineering for E-Business Workshop*. Madrid, Spain. (with C. Agüero-Bautista.)
- 2003**
- August Invited speaker. Asymmetry in Search Engines. *International Conference on Advances in Infrastructure for e-Business, e-Education, e-Science, e-Medicine, and Mobile Technologies on the Internet*. Scuola Superiore Guglielmo Reiss Romoli. L'Aquila, Italy.
- July Asymmetry in Morphological Objects and Derivational Complexity. *7th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando, Florida.
- The Asymmetric Properties of Morphological Phases, their Relevance for Information Processing. *7th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando. (with M. Achim, S. Burelle, P. Gabrini and S. Somesfalean)
- Asymmetry-Based Lexicon. *7th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando, Florida. (with D. Isac, A. Bricaud, M. Champagne-Desbiens, L. Darce, R. Hébert and M. Simon)
- Invited speaker. Asymmetry Theory and Information Processing. *7th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando, Florida.
- Natural Language Asymmetries and the Construction of Question Answering Systems. *7th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando, Florida. (with C. Agüero Bautista)
- Ways of Agreeing, Phases, and Interfaces. *Lisbon Workshop on Agreement*. Nouvelle Université de Lisbonne, Portugal. (with D. Isac)
- Non-Agreement in Russian Imperatives. *Lisbon Workshop on Agreement*. Nouvelle Université de Lisbonne, Portugal. (with E. Jakab)

On the Asymmetry of Aspect Structure. *Linguistic Society of America. Workshop on Aspect: It's About Time*. Michigan State University, Michigan, USA.

April Points of Contact. *Linguistic Symposium on Romance Languages*. Indiana University, Bloomington, USA.

2002

October Asymmetry Split. *Language, Brain and Computation*. University Ca Foscari, Venice, Italy.

July Asymmetry-Based Morphological Analyzers: Using Natural Language Asymmetries in Information Processing. *6th World Multiconference on Systemics, Cybernetics and Informatics*. Orlando, Florida.

Mai On Shells and Dependents. *10th International Morphology Meeting*. Budapest, Hungary.

2001

December Quantification and Aspect. *Workshop on Aspect*. Utrecht University. Utrecht, Netherlands. (with R. Slabakova).

November Efficient Parsing for Word Structure. *Sixth Natural Language Processing Pacific Rim Symposium*. Tokyo, Japan. (with S. Fong).

October Asymmetry in Minimalist Grammars and Asymmetry-Based Parsing. *Grammar and Natural Language Processing*, UQAM.

September **Invited speaker**. Space and Telicity in Morphological Objects. *3rd Mediterranean Conference of Morphology*. Barcelona, Spain.

July Strict Asymmetry Theory and Morpho-Conceptual Parsing. *5th World Multiconference on Systemics, Cybernetics, and Informatics*. Orlando, Florida, USA.

May Morphological Relations in Strict Asymmetry Theory. *Conférence sur l'asymétrie*, UQAM. Montreal, Quebec, Canada.

Morphology and Tractability. *Conférence sur l'asymétrie*. UQAM. (with S. Fong)

April On Morphological Proper Form: Evidence from Greek Compounds. *Balkanica Conference*. Concordia University, Montreal, Quebec, Canada. (with A. Ralli)

On Complement/Non-complement Asymmetry. 31st Linguistic Symposium on Romance Languages, University of Illinois in Chicago. Chicago, USA. (with S. Somesfalean)

Spatial Features in Functional Constructs. *11th Colloquium on Generative Grammar*. Université de Zaragoza. Zaragoza, Spain.

March P and the Operator Shell. *XXVII Incontro di Grammatica Generativa*. University of Trieste. Trieste, Italy.

February Asymmetry, Zero Morphology and Tractability. *15th Pacific Asia Conference on Language Information and Computation*. City University of Hong Kong, Hong Kong, China.

2000

September Layers in Words. *CSSCC: New Theoretical Perspective in Syntax and Semantics Courses and Conference*. Dubrovnik, Croatia.

August *Invited speaker*. Paths in Words. *European Summer School in Logic, Language and Information*. Birmingham, United Kingdom.

July Shells under the Word Level. *International Conference in Linguistics and the English Language*. Toulouse-Le Mirail, Toulouse, France.

June *Invited speaker*. Parsing Asymmetries. *Second International Conference on Natural Language Processing: Filling the Gap Between Theory and Practice*. University of Patras, Greece.

April *Invited speaker*. On Functional Features: the Case of Wh. Université Charles V, Paris, France.

May *Invited speaker*. Sur l'asymétrie des traits fonctionnels: le cas des expressions wh-. Paris VII, Jussieu, Paris, France.

February *Invited speaker*. Asymmetry in Morphology. University of Massachusettsachusetts Amherst. Amherst, Massachusetts, USA.

1999

December *Invited speaker*. Flip to PF. Department of Linguistics, Classical Studies and Modern Languages. Concordia University. Montreal, Quebec, Canada.

November An Integrated Competence-Performance Model: A Prototype for Morpho-Conceptual Parsing and Consequences for Information Processing. *Venezia per il Trattamento Automatico delle Lingue*. Université Ca'Foscari, Venice, Italy.

September Formal Context and Morphological Analysis. *CONTEXT'99*. University of Trento. Trento, Italy.

July Conceptual Knowledge and Interpretation. *2nd International Conference on Cognitive Science and 16th Annual Meeting of the Japanese Cognitive Science Society*. Waseda University. Tokyo, Japan.

June Morphological Knowledge and Tractability. Center for Cognitive Science, University of Edinburgh, Scotland.

1998

November The Local Asymmetry Connection. *UPENN/MIT Roundtable on the Lexicon*. MIT, Cambridge, Massachusetts, USA.

- June Local Asymmetries and their Consequences for Morphological Paradigms and Configurations. *8th International Morphology Meeting*. Budapest, Hungary.
- April **Invited speaker.** Local Asymmetries in Romance, Morphological Paradigms and Morphological Objects. *8th Colloquium on Generative Grammar*. Palmela, Portugal.
- Features and Asymmetrical Relations in Morphological Objects. *GLOW 24*. Tilburg, Netherlands.
- Lexical Semantic Systems Based on NL Asymmetries and their Consequences for IR. University of Pisa. Pisa, Italy.
- February Les filtres traitement des langues naturelles, des outils d'optimalisation des systèmes de recherche et d'extraction de l'information. Centre de Recherche Informatique de Montréal. Montreal, Quebec, Canada.
- 1997**
- October Modification, Event Structure and the Word/Phrase Asymmetry. *North East Linguistic Society 28*. University of Toronto, Toronto, Canada.
- September Economy of X0/XP Derivations. *First Mediterranean Conference of Morphology*. Mytilene, Greece.
- 1996**
- July Configurational Functions. Girona International Summer School in Linguistics, Université de Gironne, Espagne.
- May Variation in Verbal Morphology and the Strength of ASP. *65e Congrès de l'ACFAS*. Montréal.
- April Configurational X0/XP Asymmetries. *GLOW*. University of Athens.
- March Prefixed Verbs and Variation. Linguistic Symposium on Romance Languages 26. Autonoma Metropolitan University. Iztapalala, Mexico.
- 1995**
- December Argument Structure and Compounds. Some Differences between English, Italian and Greek. *Journées noms composés: aspects multilingues de la composition nominale*, University of Geneva, Switzerland. (with A. Ralli)
- Himself, Him and Self. *Colloque international Relations anaphoriques et (in)coherence*. University of Antwerp, Belgium.
- October Deriving Atomicity from Configuration. *Colloque sur les configurations*. UQAM. Montreal, Quebec, Canada.
- September Derivation, Inflection and Aspect. *6th International Morphology Meeting*. University of Szombathely. Hungary.

March Prefixes and Suffixes. *XXIVth Linguistic Symposium on Romance Languages*. University of California Los Angeles. Los Angeles, California, USA.

1994

January Prefixes as Adjuncts. *Annual Conference of the Linguistic Society of America*. Boston. (with E. Klipple)

1993

December Prefixes and the Geometry of the Event. *Going Romance: 7th Symposium on Romance Languages and Linguistics*. University of Utrecht, Netherlands.

October Modifying Affixes. *23rd Western Conference on Linguistics*, University of Washington. Seattle. (with E. Klipple)

June Structures d'arguments multidimensionnelles. *Colloque sur les prédicats sémantiques et prédicats syntaxiques*, Paris VIII, Paris, France.

May Affixes et projections. *Séminaire du vendredi. Département de linguistique*, UQAM, Montreal, Quebec, Canada.

Modularité et parallélismes: structures à tête lexicale/affixale. *Congrès de l'Association Canadienne de Linguistique*. Université Carleton, Carleton, Canada.

April **Invited Speaker**. X' Selection. The Indiana Lecture Series in Formal Syntax: Phrase Structure and the Lexicon. Indiana University, Bloomington, USA.

February Lexical Insertion in Derivational Morphology. *Quatrième rencontre annuelle de l'Atelier Canadien sur les Relations Lexique-Syntaxe*. University of Toronto, Toronto, Canada (with J. Gruber).

Négation et interfaces. *Quatrième rencontre annuelle de l'Atelier Canadien sur les Relations Lexique-Syntaxe*. University of Toronto, Toronto, Canada. (with M. Tremblay)

1992

December The Complement Domain of a Head at Morphological Form. *Going Romance: 6th Symposium on Romance Languages and Linguistics*. University of Utrecht, Utrecht, Netherlands.

July Selection and Derivational Affixes. *5th International Morphology Meeting*. Krems, Austria.

June Les interfaces dans une grammaire modulaire. *Séminaire Université du Québec à Montréal*. Paris VIII, Paris, France.

April A Modular Approach to the Selectional Properties of Derivational Affixes. Segundo Coloquio de Grammatica Generativa, Vitoria-Gasteiz, Spain.

Interfaces in a Modular Grammar. *GLOW 18*. University of Lisbon, Portugal.

February Specifying Selection. *XVIII Incontro di Grammatica Generativa*. University of Ferrara, Italy.

1991

- June La morfologia in una grammatica modulare. Université de Padua, Italy.
Principi grammaticali nelle strutture morfologiche. University of Trieste, Italy.
- May Struttura morfologica e struttura sintattica. Université de Trieste, Italy.
- April Oggetti grammaticali di tipo Xo, relazioni specificatore-testa, testa-complemento negli Xo. Movimenti di testa-a-testa nel lessico, Complessi argomentali, Proprietà argomentali degli affissi, Parametri di variazione. University Ca Foscari, Venice, Italy.

1990

- October Sub-Xo Saturation: the Case of Italian Deverbal Compounds. *20th Western Conference on Linguistics*. University of Texas, El Paso, USA.
- July La grammaire du mot: le cas de la saturation d'argument. *Institut international de la société linguistique du Maroc*. Université Mohamed V, Rabat, Morocco.
- May Modularity and the Mapping from the Lexicon to Syntax. *Going Romance: 4th Symposium on Romance Languages and Linguistics*. University of Utrecht, Netherlands.
- April Formal Properties of Argument Structure. Académie Hongroise des Sciences, Veszprém, Hungary.
- January Light and Semi-Light Verb Constructions. *5th Biennial Conference on Grammatical Relations*. University of Californie, San Diego, USA. (with S. Rosen).

1989

- November Some Aspects of the Projection of Arguments. *Lexicon Seminar Focusing on Current Theories of Lexicon-Syntax Interaction*. Department of Linguistics and Philosophy, MIT. Cambridge, Massachusetts, USA.
- September Sur la réalisation des arguments. *XIXe Congrès de linguistique et philologie romane*. Saint Jacques-de-Compostelle, Spain.
- April Two Types of Implicit Arguments. *8th West Coast Conference on Formal Linguistics*. Vancouver, Canada.

1988

- August Argument Structure Parsing. *12th International Conference on Computational Linguistics*, Budapest, Hungary.
- July Formal Relations and Argument Structure. *3rd International Morphology Meeting*. Krems, Austria.
- Mars Arguments, Lexicon, and Syntax. *GLOW*. Budapest, Hungary.

1987

- September *Categorie e strutture argomentali: il caso dei nominali derivati. XXI Congresso della Società di Linguistica Italiana.* University of Catania, Italy.
- August *Parsing Morphological Objects. VIIIe Congrès mondial de l'AILA.* Sydney, Australia.
- June *Branchements, positions et liens. Congrès de l'Association Canadienne de Linguistique,* McMaster University, Hamilton, Canada.
- May *Sur les propriétés configurationnelles des structures d'arguments. 7e Colloque international du département des sciences du langage.* Université de Paris VIII, Paris, France.
- April *Configurational Properties of Argument Structures. First International Conference of the Linguistic Society of Morocco.* Université Mohamed V, Rabat, Morocco.

1986

- November *Argument Structure Realization. Conference on Grammatical Theory and Bilingualism, Spanish Department. University of Massachusetts Amherst, Amherst, Massachusetts USA.*
- September *Word Structure Parsing. EURALEX International Congress.* University of Zurich, Switzerland.
- June *Deux propriétés syntaxiques des structures d'arguments. Congrès de l'Association canadienne de linguistique.* University of Manitoba, Winnipeg, Canada.
- May *Structures d'arguments. 55e Congrès de l'ACFAS.* University of Montreal, Montreal, Quebec, Canada.

1985

- November *Noun Incorporation vs. Cliticisation. North East Linguistic Society 16, Université McGill, Montréal, Quebec, Canada. (with E. Williams)*
- March *Invited speaker. Linguistic Theory, Acquisition and Parsing, On the Derivation of Some Formal and Semantic Properties of Words from Grammatical Principles. Grammatical Principles in Lexical Structures.* Queen's University, Kingston, Ontario, Canada.

1984

- July *Référence et convention. Congrès international de sémiologie.* University of Palermo, Palermo, Italy.
- June *Les structures lexicales. Congrès de l'Association canadienne de linguistique.* Guelph University de Guelph, Guelph, Ontario, Canada.
- May *Vers une théorie des représentations lexicales. 52e Congrès de l'ACFAS,* Université Laval, Quebec, Canada.

February Théorie du langage et théorie computationnelle. Département d'études littéraires. Université du Québec à Montréal. Montreal, Quebec, Canada.

1983

July Lexical Structure and UG. The Southern California Conference on Romance Linguistics. University of California, Los Angeles, USA.

June The Clitic Parameter. Congrès de l'Association canadienne de linguistique. University of British Columbia, Vancouver, Canada.

May Théorie du liage et expressions idiomatiques. 51e Congrès de l'ACFAS, Université du Québec à Trois-Rivières. Trois-Rivières, Quebec, Canada.

March Les paramètres dans l'acquisition des langues étrangères. Département de linguistique et de philologie, Université de Montréal, Montreal, Quebec, Canada.

Les rôles thématiques: syntaxe et sémantique. Département de philosophie, Université du Québec à Montréal, Montreal, Quebec, Canada.

February Deux cas de liage par un non-argument. Séminaire informel Montréal-Ottawa, Université du Québec à Montréal, Montreal, Quebec, Canada.

1982

October Les paramètres dans l'acquisition des langues étrangères. IVe Congrès GREDIL, Université Laval, Quebec, Canada.

June Opérateurs et liage. Congrès de l'Association canadienne de linguistique, University of Ottawa. Ottawa, Ontario, Canada.

May Approche linguistique à la formalisation de la sémantique. 50e Congrès de l'ACFAS, Université du Québec à Montréal, Montreal, Quebec, Canada.

1981

June Code Mixing and Government, L'hypothèse étoile. Congrès de l'Association canadienne de linguistique, Dalhousie University, Halifax, Nova Scotia, Canada.

May Sur les composés verbaux du français. 49e Congrès de l'ACFAS. Université de Sherbrooke. Sherbrooke, Quebec, Canada.

1979

October N and X' Theory. North East Linguistic Society X, Université d'Ottawa. Ottawa, Ontario. Canada.

June Sottocategorizzazione e forma logica. Congresso Forma Logica, Accademia della Crusca. Florence, Italy.

May Les PP compléments de noms. 48e Congrès de l'ACFAS, Université de Montréal, Montreal, Quebec, Canada.

1978

May Lessico e semantica. X Congresso della Società di Linguistica Italiana, Università di Sorrento. Sorrento. Italy.

1974

May Sélection et alternance des langues chez les Montréalais d'origine Italynne. XIV Congresso internazionale di linguistica e filologia romanza, Università degli studi di Napoli. Napoli, Italy.

Prototypes

A) Syntactic Parser, Asymmetry-Based Parsing (LAD)

Syntactic analyzer prototype based on syntactic asymmetry, incorporating the operations of the Asymmetry Theory.

Web page: www.interfaceasymmetry.uqam.ca
<http://132.208.224.37:8080/Demo>

Related publications:

Di Sciullo, A.M. 2015. Asymmetry Theory and Asymmetry Based Parsing. In H. Fujita and G. Guizzi (eds.), *Communications in Computer and Information Science* 532: 252-268. Springer.

Di Sciullo, A.M. 2013. A Reason to Optimize Information Processing with a Property of Natural Language. In H. Fujita (ed.), *Frontiers in Artificial Intelligence and Applications* 247: 437-456. Amsterdam: IOS Press.

Di Sciullo, A.M. 2012. Asymmetric Agreement in Pronominal Anaphora. In H. Fujita and R. Revetria (eds.), *Frontiers in Artificial Intelligence and Applications* 246, 395-410. Amsterdam: IOS Press.

Di Sciullo, A.M., P. Gabrini, C. Batori, and S. Somesfalean. 2010. Asymmetry, the Grammar, and the Parser. In G. Ferrari, R. Benatti and M. Mosca (eds.), *Linguistica e Modelli Tecnologici di Ricerca*, 477-494. Rome: Bulzoni.

Di Sciullo, A.M. 2010. Information Processing Redux. In Hamido Fujita (ed.) *Proceedings of the 2010 Conference on New Trends in Software Methodologies, Tools and Techniques: SoMeT_10*, 437-45. Amsterdam: IOS Press.

Di Sciullo, A.M. 2006. Pronominal Anaphora Processing. *Computer Science* 11: 67-74.

Di Sciullo, A.M. 2005. Domains of argument structure asymmetries. *WMSCI-2005. Proceedings form the 9th World Multi-Conference on Systemics, Cybernetics and Informatics*, 316-320. (**Best paper award in Human Information Systems**)

- Di Sciullo, A.M. 2005. Handling Pronouns Intelligently. In H. Fujita and M. Mejri (eds.), *Frontiers in Artificial Intelligence and Applications* 129, 207-225. Oxford: IOS Press.
- Di Sciullo, A.M. 2001. Lexical Semantic Theory Based on Natural Language Asymmetry and Consequences for Information Retrieval. *WSSL*, University of Pisa, Italy.
- Di Sciullo, A.M. 2000. Parsing Asymmetries. In D. Christodoulakis (ed.), *Proceedings of the Second International Conference on Natural Language Processing*, 24-39. Dordrecht: Springer.
- Di Sciullo, A.M. 1997. Argument Structure Parsing. In A. Ralli, M. Grigoriadou, G. Philokyprou and D. Christodoulakis (eds.), *Papers in Natural Language Processing*, 55-77. Athens: Diavlos.

B) Morpho-Syntactic Parser, Asymmetry Based Parsing (MSP):

Prototype of an argument structure analyzer of morphological objects implementing X-bar selection in PAPPI. In collaboration with S. Fong, NEC, Princeton.

Web page: www.interfaceasymmetry.uqam.ca

Related publications:

- Di Sciullo, A.M. 2005. Morpho-Syntax Parsing. In A.M. Di Sciullo (ed.) *UG and External Systems*. 247-248. Amsterdam: John Benjamins. (co-author S. Fong)
- Di Sciullo, A.M. 2001. Efficient Parsing for Word Structure. *NLPRS2001. Proceedings of the 6th Natural Language Processing Pacific Rim Symposium*: 741-748. (co-author S. Fong)
- Di Sciullo, A.M. 2000. Asymmetry, Zero Morphology and Tractability. *PACLIC 15. The 15th Pacific Asia Conference on Language Information and Computation*, 61-72, University of Hong Kong. (co-author S. Fong)

C) Morpho-Conceptual Parser, Asymmetry Based Parsing (CMP):

Prototype of a morpho-conceptual analyzer recovering word internal predicate-argument, and modification relations.

Web page: www.interfaceasymmetry.uqam.ca

Related publications:

- Di Sciullo, A.M. 2002. Asymmetry-Based Morphological Analyzers: Using Natural Language Asymmetries in Information Processing. In *Proceedings of the 6th World Multiconference on Systemics, Cybernetics and Informatics*. Orlando, Florida.
- Di Sciullo, A.M. 2002. Strict Asymmetry Theory and Morpho-Conceptual Parsing. In *World Multiconference on Systemics, Cybernetics and Informatics*, 481-487. Orlando, Florida.

D) Electronic Lexicon: Asymmetry based lexicon (LEX)

Prototype of a multilingual electronic dictionary based on asymmetrical relations including asymmetrical selection

Web page: www.interfaceasymmetry.uqam.ca

Related publication:

Di Sciullo, A.M. 2003. Asymmetry Based Lexicon. In N. Callaos, A.M. Di Sciullo, T. Ohta and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics, Vol. 1, Information Systems. Technologies and Applications*, 7-12. Orlando, Florida. (with D. Isac, A. Bricaud, M. Champagne-Desbiens, L. Darche, R. Hebert and M. Simon).

E) Information Processing

Di Sciullo, A.M. in press 2015. Natural Language Processing, Biolinguistics and Digital Libraries. *World Digital Library: An International Journal*, TERI.

Di Sciullo, A.M. 2010. Information Processing Redux. In Hamido Fujita (ed.) *Proceedings of the 2010 Conference on New Trends in Software Methodologies, Tools and Techniques: SoMeT_10*. Amsterdam: IOS Press. pp. 437-445.

Di Sciullo, A.M. 2009. Understanding Natural Language. *Proceedings of the Fourth International Conference on Intelligent Computing and Information Systems*. Ain Shams University. Cairo.

Di Sciullo, A.M. 2005. Natural language asymmetry in internet infrastructure. *International Journal of Electronic Business* Vol 3: Special Issue on: Multidisciplinary, Interdisciplinary and Transdisciplinary Research in Electronic Business: 328-338.

Di Sciullo, A.M. 2003. Asymmetry Theory and Information Systems. In N. Callaos, A.M. Di Sciullo, T. Ohta and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics. Vol. 1, Information Systems. Technologies and Applications*, 1-7. Orlando, Florida.

Di Sciullo, A.M. 2003. Natural Language Asymmetries and the Construction of Question Answering Systems. In N. Callaos, A.M. Di Sciullo, T. O. and T.-K. Liu (eds.), *Proceedings of the 7th World Multiconference on Systemics, Cybernetics, and Informatics. vol.1. Information Systems. Technologies and Applications*, 13-18. Orlando, Florida. (with C. Aguero Bautista)

Di Sciullo, A.M. (ed.) 2002. *Grammar and Natural Language Processing*. Federation on Natural Language Processing. Presses de l'Université du Québec à Montréal.

Di Sciullo, A.M. 2001. Lexical Semantic Theory Based on Natural Language Asymmetry and Consequences for Information Retrieval. *WSSL*. University of Pisa. Pisa, Italy

Di Sciullo, A.M. 1999. An Integrated Competence-Performance Model, a Prototype for Morpho-Conceptual Parsing and Consequences for Information Processing. *VEXTAL* 369-379. Ca'Foscari University. Venice, Italy.

1999 DIO-MORPHO a Multilingual research engine (Delphes Technologies)

Organization of International Conferences

See www.interfaceasymmetry and www.biolinguistics.uqam.ca for the descriptions and the programs of the conferences listed below

- 2017** November 10-12: *Biolinguistic Conference on Interface Asymmetries*. New York University, NYU, NY.
- 2015** January 26-28: *Biolinguistic Investigations on the Language Faculty*. IUSS, Pavia, Italy (Co-organizer A. Moro)
- 2013** July 22-27: *Advances in Biolinguistics*. International Congress of Linguists 19. Geneva, Switzerland.
April 2-6: *Biolinguistic Workshop*. GLOW 36. Lund University, Lund, Sweden.
February 14-18: *Computation, Computational Complexity and Cognitive Sciences*. AAAS annual meeting. Boston. (co-organizer R. C. Berwick)
February 8: *Sur la Complexité des Langues Humaines*. UQAM, Montreal.
- 2011** September 25-27: *New Perspectives on Language Creativity: Composition and Recursion*. Conference of the International Network on Biolinguistics. UQAM. Montreal.
- 2010** May 27-29: *The Language Design*. Conference of the International Network on Biolinguistics. UQAM, Montreal.
May 2-5: *Language Phenotypes. Towards a biological understanding of language*. Banbury Conference Center. Cold Spring Harbor Laboratory (Co-organizers N. Chomsky, R. C. Berwick, and P. Mitra)
- 2008** July 21-26: *Biolinguistic Conference on Interface Conditions*. 18th International Linguistic Congress. Seoul University, Korea.
February 22-24: *First Meeting of the International Network of Biolinguistics*. Arizona University, Tucson (Co-organizer M. Piattelli-Palmarini)
- 2007** June 4-7: *Biolinguistic Perspective on Language Evolution and Variation*. University Ca Foscari. Venice. Italy.
February 23-25: *Biolinguistic Investigations*. Santo Domingo. Dominican Republic. (Co-organizer C. Agüero-Bautista)
- 2005** July 1-4: *Issues on the Form and Interpretation of Argument Structure*. Linguistic Society of America Linguistic Institute Workshop. Harvard-MIT. Boston, USA.
- 2006** June 23-25: *Interface Legibility at the Edge*. University of Bucharest. Bucharest, Romania.
- 2004** July 30-August 1: *Interfaces*. Loreto Aprutino, Italy.
- 2003** October 24-25: *Approaching Asymmetry at the Interfaces*. UQAM. Montreal, Canada.
- 2002** October 3-5: *Language, Brain, and Computation*. Ca Foscari University. Venice, Italy

- 2001** October 12-13: Grammar and Natural Language Processing. Université du Québec à Montréal, Montreal, Quebec, Canada.
- 2001** May 7-10: L'asymétrie des langues naturelles, Université du Québec à Montréal, Montreal, Quebec, Canada.
- 2000** Conference at the Royal Society of Canada, Sur le traitement des langues naturelles, Université du Québec à Montréal, Montreal, Quebec, Canada.
- 1999** Special Event on the Major Collaborative Research Initiative on Interfaces, Social Sciences and Humanities Research Council of Canada, Government Hill, Ottawa, Canada.

Book and Paper Reviews

Biolinguistics
 Cambridge University Press
 Canadian Federation of Human Studies
 Federation of the Humanities and Social Sciences
 Foris Publications
 Frontiers
 John Benjamins
 Lingua
 Linguistic Inquiry
 Language
 Language and Mind
 LSRL publications
 Linguistic Studies on Romance Languages
 Natural Language and Linguistic Theory
 Oxford University Press
 Probus
 Proceedings of the Royal Society
 Poznan Studies in Contemporary Linguistics
 Qatar National Research Funds
 Social Science and Humanities Research Council of Canada
 Studies in Logic
 Text Encoding Initiative
 The Linguistic Review
 The MIT Press
 Revue de l'Association québécoise de linguistique
 Revue québécoise de linguistique
 Romance Turn Volume
 University of Chicago Press
 WORD
 Word Structure

Associations and Learned Societies

American Association for the Advancement of Science (AAAS)
 Association de linguistique du Maroc
 Canadian Association of Linguistics (ACL)
 Center for Cognitive Science, MIT

Federation of Natural Language Processing (FNLP)
 Generative Linguists in the Old World (GLOW)
 Groupe de recherche sur la cognition et la technologie informatique
 Informatique Cognitive des Organisations (ICO)
 International Network in Biolinguistics
 Linguistic Society of America (LSA)
 Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy (DIPSCO)
 Societa di linguistica Italiana (SLI)
 Royal Society of Canada (RSC)

Supervision

Undergraduate Students

2014-	Assia Si Chaïb
2014-	Melinda Maysounave
2007-2010	Cristina Castiglione
2007-2010	Alice Kayser-Schatzlein
2005-2006	Mélanie Bédard
2005-2006	Isabelle Tissot-Daguette
2000-2004	Anne Bricaud
2000-2004	Marguerite Champagne-Desbiens
2000-2004	Roseline Hébert
2000-2003	Laura Darche
2000-2004	Mara Simon
2000-2001	Mathieu Roy

Master Dissertation Supervision

2017	Hatem Douik, Morphosyntaxe des pronoms relatifs en Arabe moderne
2010	Catherine Provencher, Analyse morpho-syntaxique des syntagmes déterminants du Marshallais
2005	Pablo Bustamante, Problèmes d'acquisition de PF du français par les hispanophiles.
2004	Marcel Achim, Analyseur morpho-sémantique du français
2004	Jacinthe Bouchard, Preposition Stranding Phenomena
2003	Mara Simon, La structure aspectuelle de DP
2000	Stanca Somesfalean, L'asymétrie argument/adjoint en roumain.
2000	Jean Chen Tsi Ming, Asymétrie préfixe/suffixe.
1997	Marie-Élaine Lebel, Modularité et cliticisation: Les pronoms sujets du français du Québec.
1995	Sarah Nouri, Les objets nuls.
1992	Brett Lush, Les verbes psychologiques.
1990	Josée Larocque, Les quasi-arguments.
1990	Jocelyne Houle, Quelques propriétés des constructions ergatives dans les langues romanes.
1990	Andrée Bélanger, Le rôle des suffixes dans le calcul des structures d'arguments.
1987	Sylvie Robidoux, Représentations lexicales et réalisations syntaxiques du statut argumental des PP locatifs et de la nature prédicative de ces prépositions, (Co-director with Monique Lemieux).
1987	Mireille Tremblay, Les anaphores lexicales en français.

- 1987 José Bonneau, Les quantificateurs flottants: restructuration et théorie des chaînes dans les langues romanes.
 1986 Sylvie Lechasseur, Étude des propriétés grammaticales des prépositions en français.

PhD Dissertation Supervision

- 2017 Gustavo Beritognolo, The locus of Specific Language Impairment: A Biolinguistic Approach
 2013 Mathieu Roy, Asymétrie et morpho-syntaxique des modifieurs de degré
 2012 Catherine Provencher, Le développement morpho-syntaxique des langues micronésiennes et les principes qui réduisent la complexité
 2008 Calin Batori, Accord asymétrique et résolution de l'anaphore pronominale
 2007 Nesrine Njire, Domaines de l'anaphore pronominale
 2007 Stanca Somesfalean, On the Properties of the Form and the Interpretation of Clitics
 2006 Paul John, La perception et représentation de /h/ par les apprenants francophones d'anglais L2
 2005 Amira Ben Nasr, Asymétrie et compléments phrastiques en arabe moderne.
 2000 Sophie Burelle, Les propriétés morphologiques et sémantiques des prépositions
 2000 Louis Desouvrey, Romance Clitics and Feature Asymmetry
 1995 Aimé Avolonto, La complémentation: le cas du fongbé
 1994 Jocelyne Houle, Traitement modulaire de l'alternance transitive/ergative
 1992 Astrid Ménard, Les comparatives, catégories et structures d'arguments, (Co-director J.-Y.Morin, University of Montreal)

Postdoctorals

- 2006-2008 Stanca Somesfalean
 2007-2008 Roberta d'Alessandro
 2006-2008 Meredith Landman
 2005-2009 Naoko Tomioka
 2004-2011 Calixto Agüero Bautista
 2004-2005 Marcin Morzycki
 2004-2006 Olga Zavitnevich-Beaulac
 2002-2003 Oliver Cromm
 2002-2003 Aliaksandr Huminski
 2001-2003 Henk Harkema
 2000-2004 Edit Jakab
 2000-2003 Hai Doan Nguyen
 2000-2001 Nikolay Vazov
 1998-1999 Susi Wurmbrand

Research Professionals

- 2009- Stanca Somesfalean, Symmetry breaking in the development of determiners in Romanian
 2019- Calin Batori, Aymmetric agreement in pronominal anaphora
 2010-2014 Marco Nicolis, Symmetry breaking in the development of prepositions in Indo-European languages
 2007-2008 Alexia Papadopoulou, Prédicats émotifs français, grecs, anglais

2006-2008	Degif Petros Banksira, Propriétés morphologiques des catégories fonctionnelles dans les langues afroasiatiques
2006-2007	Dana Isac, Propriétés des chaînes et interfaces
2004-2005	Jean Roy, Développement de l'analyseur syntaxique
2004-2005	Victor Frak, Bases biologiques de la Théorie de l'asymétrie
2002-2004	Marcel Achim, Implémentation du parseur syntaxique
2002-2003	Mathieu Roy, Analyste en informatique
2000-2002	Ileana Paul, Asymétrie d'extraction de propositions
1999-2004	Grace Masagbor, Morphologie des langues africaines
1999-2003	Joseph, Sauveur J., Propriétés morphologiques et syntaxiques des adjectifs
1999-2000	Siamak Rezaei, Analyseur syntaxique de l'anglais
1999-2000	Linnaea Stockall, Base de données lexicales
1998-1999	Christian Thérien, Analyseur morphologique

Teaching

Undergraduate

- Introduction to language
- The world's languages
- Structure of a language
- Grammars in contact
- Morphology I and II
- Semantics I and II
- Syntax I and II
- Linguistics and artificial intelligence
- Computational linguistics I and II

Master

- Syntax I and II
- Morphology I and II
- Semantics I and II

Doctral

- Thematic seminars (asymmetry theory, morphology and syntax)
- Syntax II
- Semantics II
- Grammars in contact
- Computational linguistics II

Professional Services

UQAM

2014-2015 Dean's delegate, doctoral defense: Marilyn Cyr, Department of Psychology, UQAM.
 Talk on Biolinguistic Investigations at CRISCo (November 11, 2014)
 Talk on Biolinguistics at the Department of Biological Sciences (October 2, 2014)
 Director: Major Collaborative Research Project on asymmetry interfaces.
 Responsible for the organization of conferences for the research group on asymmetry interfaces.
 Director: Research project on dynamic interfaces.

- Responsible for the Judith McA'Nulty and Pelchat-Labelle Funds and evaluation of the applications
- 2013-2014** Organization of Noam Chomsky's Conference (October 25, 2013)
 Director: Major Collaborative Research Project on asymmetry interfaces.
 Responsible for the organization of conferences for the research group on asymmetry interfaces.
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty and Pelchat-Labelle Funds and evaluation of the applications
- 2012-2013** Director, Linguistic Department
 Director: Major Collaborative Research Project on asymmetry interfaces.
 Responsible for the organization of conferences for the research group on asymmetry interfaces.
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
 Member of the scientific committee of the Department of Linguistics.
 Evaluation of a manuscript for Cambridge University Press.
- 2011-2012** Sabbatical leave
- 2010-2011** Director: Major Collaborative Research Project on asymmetry interfaces.
 Responsible for the organization of conferences for the research group on asymmetry interfaces.
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
 Member of the scientific committee of the Department of Linguistics.
- 2009-2010** Responsible for the International Network in Biolinguistics.
 President: Federation on Natural Language Processing.
 Director: Major Collaborative Research Project on asymmetry interfaces.
 Responsible for the organization of conferences for the research group on asymmetry interfaces.
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
 Member of the scientific committee of the Department of Linguistics.
- 2008-2009** Organisation of the conference *The Language Design*.
 President: Federation on Natural Language Processing.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Responsible for the organization of conferences for the research group on asymmetry interfaces
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
- 2007-2008** President: Federation on Natural Language Processing.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Responsible for the organization of conferences for the research group on asymmetry interfaces
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

- 2006-2007** President: Federation on Natural Language Processing.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Responsible for the organization of conferences for the research group on asymmetry interfaces
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
- 2005-2006** President: Federation on Natural Language Processing.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Responsible for the organization of conferences for the research group on asymmetry interfaces
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
- 2004-2005** President: Federation on Natural Language Processing.
 Member of editorial board *UG and External Systems: Language, Brain and Computation*, published by John Benjamins.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Responsible for the organization of conferences for the research group on asymmetry interfaces
 Director: Research project on dynamic interfaces.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.
- 2003-2004** President: Federation on Natural Language Processing.
 Organization of the Conference: Fondements relationnels du traitement des langues naturelles, UQAM.
 Member of editorial board *UG and External Systems: Language, Brain and Computation*, published by John Benjamins.
 Director: Major Collaborative Research Project on asymmetry interfaces
 Director: Natural Language Processing Project.
 Responsible for the organization of the conferences for the research group on asymmetry.
- 2002-2003** President: Federation on Natural Language Processing.
 Member of editorial board *Asymmetry in Grammar*, published by John Benjamins.
 Director: Major Collaborative Research Project on asymmetry.
 Director: Natural Language Processing Project.
 Responsible for the organization of the conferences for the research group on asymmetry.
 Responsible for the Judith McA'Nulty Funds and attribution of a scholarship
- 2001-2002** President: Federation on natural language processing.
 Organisation de la Conférence internationale sur *le traitement des langues naturelles*, Université du Québec à Montréal.
 Organisation of the conference on *Natural Language Processing*, UQAM.
 Member of the editorial board: "Asymmetry in Grammar", published by John Benjamins.
 Director: Major Collaborative Research Project on asymmetry.
 Director: Natural Language Processing Project.

Responsible for the organization of conferences for the research group on asymmetry.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

2000-2001

Organisation of the international conference on *Asymmetry*, UQAM.

Director: Major Collaborative Research Project on asymmetry.

Director: Natural Language Processing Project.

Responsible for the organization of conferences for the research group on asymmetry.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

1999-2000

Opening talk as a new member of the Royal Society of Canada, "Sur le traitement des langues naturelles", UQAM.

Director: Major collaborative research project on asymmetry.

Chairman, Board of assessors for the Masters dissertations of: Luc Desjardins, Jean Chen Tsi Ming and Stanca Somesfalean, UQAM.

Member: Board of assessors of the PHD thesis of Louis Desouvrey, UQAM.

Director: Major Collaborative Research Project on asymmetry.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

1998-1999

Director: Major Collaborative Research Project on asymmetry.

Responsible for the organization of conferences for the research group on asymmetry.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

1997-1998

Sabbatical.

Chairman, Thesis assessment board of: Petros Degif, UQAM.

Member, Thesis assessment board of: Daniel Gosselin, UQAM.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship

1996-1997

Member of conference committee: Department of linguistics.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

1995-1996

Member of review committee on sabbatical leave.

Member of publicity committee: Department of linguistics.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

1994-1995

Organizer of the International conference configurations, October 26-28, 1994, UQAM.

Member of publicity committee: Department of linguistics.

Responsible for the Judith McA'Nulty Funds and attribution of a scholarship.

International

- 2014-2015** Co-organization of the Conference on *Biolinguistic Perspective on the Language Faculty*. IUSS, Pavia. (co-organizer A. Moro).
 Member of the abstract review committee of the *Generative Linguistics in the Old World* (GLOW).
 Member of the abstract review committee of the *West Coast Formal Linguistic Conference* (WCFL).
 Member of the abstract review committee of the SoMet Conference.
 Member of the abstract review committee of the *Linguistic Symposium on Romance Language* (LSRL).
 Director of the International Network in Biolinguistics.
 President of the Federation of Natural Language Processing.
- 2013-2014** Member of the abstract review committee of the *Generative Linguistics in the Old World* (GLOW).
 Member of the abstract review committee of the *West Coast Formal Linguistic Conference* (WCFL).
 Member of the abstract review committee of SoMet Conference.
 Member of the abstract review committee of the *Linguistic Symposium on Romance Language* (LSRL).
 Review of an article for *Studies in Logic*.
 Director of the International Network in Biolinguistics.
 President of the Federation of Natural Language Processing.
- 2012-2013** Organization of the workshop on *Biolinguistics*, GLOW, University of Lund, Sweden.
 Organization of the workshop on *Advances in Biolinguistics*, within the 19^e International Congress of Linguists. Geneva, Switzerland.
 Co-organization of the Symposium on *Computation, Computational Complexity and Cognitive sciences*, AAAS, Boston. (co-organizer R. C. Berwick)
 Member of the abstract review committee for the *West Coast Formal Linguistic Conference* (WCFL).
 Member of the abstract review committee for the *Linguistic Symposium on Romance Language* (LSRL).
 Review of an article for *Word Structure*.
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.
- 2011-2012** Sabbatical leave
 Visiting Scholar at MIT and Harvard.
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.

- 2010-2011** Preparation of the workshop on *Biolinguistics*, GLOW, University of Lund, Sweden.
 Preparation of the workshop on *Advances in Biolinguistics*, within the 19^e International Congress of Linguists. Geneva, Switzerland.
 Review of two articles for *Language*.
 Member of the abstract review committee for the *West Coast Formal Linguistic Conference (WCFL)*.
 Member of the abstract review committee for the *Linguistic Symposium on Romance Language (LSRL)*.
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.
- 2009-2010** Organisation of the conference on *The Language Design*. International Network in Biolinguistics, UQAM.
 Co-organisation of the conference on *Language Genotypes. Towards a biological understanding of language*. Banbury Conference Center. Cold Spring Harbor Laboratory. (co-organizers N. Chomsky, R. C. Berwick and P. Mitra)
 Member of the abstract review committee for the *West Coast Formal Linguistic Conference (WCFL)*.
 Member of the abstract review committee for the *Linguistic Symposium on Romance Languages (LSRL)*.
 Member of the abstract review committee for the *Congrès mondial de linguistique française CMLF2010*.
 Review of an article for *Language and Mind*.
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.
- 2008-2009** Member of the abstract review committee of the *West Coast Formal Linguistic Conference (WCFL)*
 Member of the abstract review committee of the *Linguistic Symposium on Romance Language (LSRL)*
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.
- 2007-2008** Organisation of the *Biolinguistic Conference on Interface Conditions*, 18th International Linguistic Congress, Seoul University.
 Member of abstract selection committee of the *West Coast Formal Linguistic Conference (WCFL)*.
 Member of the abstract selection committee of the *Linguistic Symposium on Romance Language (LSRL)*.
 Director of the International Network in Biolinguistics.
 President of the Federation on Natural Language Processing.
- 2006-2007** Member of the evaluation committee for the Major Collaborative Research Initiative program, SSHRC grant applications.
 Organization of the *Biolinguistics conference: language evolution and variation* Ca Foscary University, Venice.
 Organization of the conference: *Biological Investigations*, Dominican Republic.
 Member of the abstract selection committee of *West Coast Formal Linguistic Conference (WCFL)*.
 Member of the abstract selection committee of the *Linguistic Symposium on Romance Language (LSRL)*.

Founder and director of the International Network in Biolinguistics.
President of the Federation on Natural Language Processing.

2005-2006

Member of the evaluation committee for the Major Collaborative Research Initiative program, SSHRC grant applications.
Organization of the Workshop *Issues on the Form and Interpretation of Argument Structure*, Linguistic Society of America Summer Institute, Harvard-MIT.
Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of the abstract selection committee of the *West Coast Formal Linguistic Conference* (WCFL),
Member of the abstract selection committee of the *Linguistic Symposium on Romance Language* (LSRL).
President of the Federation on Natural Language Processing.

2004-2005

Member of the evaluation committee of Canada Research Chairs.
Member of the selection committee of new members of the Royal Society of Canada
Organization of the Workshop *Issues on the Form and Interpretation of Argument Structure*. 2005 Linguistic Society of America Summer Institute. Harvard-MIT.
Linguistic Society of America representative at the FOCUS Conference.
Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of abstract selection committee of the *Linguistic Symposium on Romance Language* (LSRL).
Founder and President of the Federation on Natural Language Processing.

2003-2004

Member of the evaluation committee of Canada Research Chairs.
Member of the selection committee of new members for the Royal Society of Canada
Organization of the International Conference on *Interfaces*. Loreto Aprutino, Italy.
Member of the selection committee for FCI grants submissions.
Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of abstract selection committee of the *West Coast Formal Linguistic Conference* (WCFL).
Member of abstract selection committee of *Linguistic Symposium on Romance Language* (LSRL).

2002-2003

Member of evaluation committee of Canada Research Chairs.
Member of the selection committee of new members for the Royal Society of Canada.
Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of the abstract selection committee of the *West Coast Formal Linguistics Conference* (WCFL).
Member of the abstract selection committee of the *North Eastern Linguistics Society* (NELS).
Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL).

2001-2002

Member of the evaluation committee of Canada Research Chairs.
Member of the selection committee of new members of the Royal Society of Canada.

Member of the evaluation committee for the establishment of new researchers, FCAR.

Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.

Member of the abstract selection committee of the *West Coast Formal Linguistics Conference* (WCFL).

Member of the abstract selection committee of the *North Eastern Linguistics Society* (NELS).

Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL).

2000-2001

Member of the evaluation committee of Canada Reserach Chairs.

Member of the selection committee of the new members of the Royal Society of Canada.

Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.

Member of the abstract selection committee of the *North Eastern Linguistics Society* (NELS), (University of Toronto).

Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL).

Member of paper presentaion committee of the *West Coast Conference on Formal Linguistics* (WCCFL).

1999-2000

Member of the selection committee of the new members of the Royal Society of Canada.

Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.

Member of post-doctoral scholarship selection committee SSHRC.

Member of post-doctoral scholarship selection committee FCAR.

Member of abstract selection committee, *North Eastern Linguistics Society* (NELS).

Member of abstract selection committee, LSRL.

1998-1999

Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.

Member of post-doctoral scholarship selection committee CRSH.

Member of post-doctoral scholarship selection committee FCAR.

Member of the abstracts election committee, *North Eastern Linguistics Society* (NELS).

Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL).

1997-1998

Sabbatical leave.

Principal researcher, Computer Science Research Center of Montreal (CRIM)
Field: computational linguistics.

Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.

Member of post-doctoral scholarship selection committee SSHRC.

Member of post-doctoral scholarship selection committee FCAR.

Member of the abstract selection committee, *North Eastern Linguistics Society* (NELS), University of Toronto.

External examiner for R. Slabakova doctoral dissertation (McGill University).

- 1996-1997** Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of post-doctoral scholarship selection committee SSHRC.
Member of post-doctoral scholarship selection committee FCAR.
Member of the abstract selection committee, *North Eastern Linguistics Society* (NELS).
Member of committee, Text Encoding Initiative at the University of Chicago.
- 1995-1996** Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL), University of California at Irvine.
Member of post-doctoral scholarship selection committee FCAR.
Member of committee, Text Encoding Initiative at the University of Chicago.
Organizer of the International conference on *Grammar and variation*, McGill University, May 13-14, 1996.
- 1994-1995** Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of the abstract selection committee of the *West Coast Conference on Formal Linguistics* (WCCFL), University of Southern California.
Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL), University of Washington.
Incharge of the FCAR scholarship committee.
Member of committee, Text Encoding Initiative at the University of Chicago.
- 1993-1994** Official member of DIPSCO: Dipartimento di Scienze Cognitive Parco Scientifico Biomedico Internazionale, Milan, Italy.
Member of the abstract selection committee of the *West Coast Conference on Formal Linguistics* (WCCFL), University of San Diego.
Member of the abstract selection committee of the *Linguistics Symposium on Romance Language* (LSRL), University of Los Angeles.
Incharge of the FCAR scholarship committee.
Member of the evaluation committee of a Phd thesis in linguistics at McGill University.
Member of committee, Text Encoding Initiative at the University of Chicago.
- 1992-1993** Evaluation of two articles submitted to *Linguistic Inquiry*.
Evaluation of the linguistics and language program of the University Laval.
Member of evaluation committee, FCAR research grant. Member of committee, Text Encoding Initiative at the University of Chicago.
- 1991-1992** Evaluation of an article submitted to *Natural Language and Linguistic Theory*.
Evaluation of an article submitted to *Linguistic Inquiry*.
Evaluation of undergraduate program in French, University of Laval.
Member of committee, Text Encoding Initiative at the University of

Chicago.

- 1990-1991** Fall session 1990: sabbatical leave.
Winter session 1991: Invited Professor, University of Venice.
Assessment of an article submitted to *Linguistic Inquiry*.
Evaluation of a research grant proposal for FCAR.
Member of committee, Text Encoding Initiative University of Chicago.
- 1989-1990** Winter and summer sessions 1990: sabbatical leave.
Evaluation of the manuscript on Deconstructing Morphology, for The University of Chicago Press.
Assessment of an article submitted for the volume on Thematic Structure, for Foris.
Member of committee, Text Encoding Initiative, University of Chicago.
- 1988-1989** Evaluation of manuscript on argument structure for MIT Press.
Member of the abstract review committee of the *West Coast Conference on Formal Linguistics* (WCCFL).
Member of post-doctoral scholarship selection committee SSHRC.
Member of research grant selection committee of SSHRC.
Member of committee, Text Encoding Initiative, University of Chicago.
Chairman of the program committee of the Canadian Linguistics Association.
- 1987-1988** Member of the selection committee of the annual Congress of the Canadian Linguistics Association.
Proof reading of a manuscript for the *Canadian Federation of Human Studies*.
- 1986-1987** Member of the selection committee of the annual Congress of the Canadian Linguistics Association.
Member of the abstract review committee of the *North Eastern Linguistics Society* (NELS).
- 1985-1986** Member of the abstract review committee of Annual Congress of the Canadian Linguistics Association.
Member of the abstract review committee for the *North Eastern Linguistics Society* (NELS).

LE DEVOIR

LIBRE DE PENSER

Andre Laurendeau award for major achievements in Human Sciences, cahier spécial ACFAS, 18 octobre 2016.



What is the single most important recent advance in Evolutionary Linguistics? - video interviews with a number of participants in *Evolang 9* Kyoto, Japan, 13-16 March 2012.

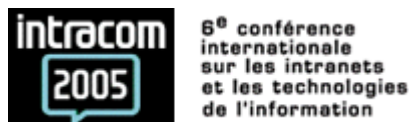


Comprendre le langage humain - contribution published in *Le Devoir*, 25-26 October 2008.



Where Does Syntax Come From? Have We All Been Wrong? - lecture at the *MIT World Series*, 19 October 2007.

Video courtesy of MIT



À quand un vrai dialogue avec le Web ? - presented at the 6th international conference on intranets and information technologies, Quebec, 3rd November 2005



Les dessous du langage - published in the research journal *Découvrir*, Association francophone pour le savoir.

Volume 26, No. 3 / May-June 2005



Le traitement des langues naturelles et le développement des technologies d'avant-garde - presented at the CRIM Annual Conference "La boule de cristal", 1st February 2005.



Interview broadcast on Sci-tech File, Radio-Canada International, 19th March 2003, 21 h 30.



Interview broadcast on Ztélé channel

Di Sciullo, A.M. 2018. Le langage, les mathématiques et la biologie. In N. Baillargeon (éd) *Hommage à Noam Chomsky*. 88-104. Éditions Québec Amérique.

Di Sciullo, A.M. 2014. Le programme biolinguistique. *À Bâbord 52*. December 2013-January 2014.