

Pablo GAMALLO OTERO

CiTIUS (Centro Singular de Investigación en Tecnoloxías da Información) University of Santiago de Compostela
Santiago de Compostela, Galiza, Spain
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Born 27 July 1969 in Vigo, Galiza, Spain

Current Positions:

- **Associate Professor**, University of Santiago de Compostela, Spain.
- Promoter and co-founder of **Cilenis**, a Spin-Off on language technologies.
- Member of ProLNat@GE, a research team on Natural Language Processing, and [CiTIUS](#)

EDUCATION

- Mars 1998, **Ph.D in Linguistics**, Blaise Pascal University, France.
(Grant supported by Galician Department of Trade and Industry, Spain)
- October 1993, **Master on Linguistics, Logic and Computing**, Blaise Pascal University, France.
- July 1992, **Graduated in Hispanic Languages**, University of Santiago de Compostela, Spain,
(University of Vigo - Spain / University of Bourgogne – France)

POSITIONS

- 2007 - 2013 **Ramón y Cajal Researcher**, University of Santiago de Compostela, Spain
- 2004 - 2007 **Parga Pondal Reseacher**, University of Santiago de Compostela, Spain
- 2002 - 2004 **Post-Doc** supported by Fundação da Ciência e a Tecnologia (FCT), Ref: SFRG / BDP / 1189 / 2002, center CITI, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, Portugal.
- 2000 - 2002 **Post-Doc** supported by Fundação da Ciência e a Tecnologia (FCT), PRAXIS XXI / BDP / 2213 / 99, center CENTRIA, Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa, Portugal.
- 1999 - 2000 **Auxiliar Professor** (Asociado P3) at University of Vigo, Spain
- 1998 -1999 **Auxiliar Professor** (ATER) at University of Blaise Pascal, France

TEACHING (UNIVERSITY COURSES)

- 2012-17 **Tools for Natural Language Processing**
Master course, University of Santiago de Compostela.
- 2012-17 **Spanish Language (Syntax and Lexicon)**
Spanish Department, University of Santiago de Compostela.
- 2016-17 **Programming in Perl for Linguists** (10h/year)
PhD program, University of Santiago de Compostela.
- 2009-12 **Methods in corpus linguistics and natural language processing** (15h/year)
Master course, University of Santiago de Compostela, Spain.
- 2007-09 **Corpus linguistics: corpus elaboration and information extraction** (15h/year)
PhD program, University of Santiago de Compostela.
- 2007-11 **Computational analysis of hispanic texts** (60h/year)
Spanish Department, University of Santiago de Compostela.
- 2006-09 **Historical phonetics and phonology of Spanish** (30h/year)
Spanish Department, University of Santiago de Compostela.
- 2004-09 **Spanish Language (phonetics, phonology, morphology, syntax)** (25h/year)
Spanish Department, University of Santiago de Compostela
- 2003 **Introduction to Programming in Perl for Natural Language Processing**
Master Course (15 hours), Faculty of Humanities, New University of Lisbon, Portugal
- 2001-02 **Semantic information extraction and thesaurus design**
Master Course (11 hours), Faculty of Science and Technology, New University of Lisbon, Portugal
- 2001 **Generative Lexicon**

1999-00	PhD program (10 hours), University of Vigo. Applied Linguistics (60h) Linguistics and Translation Department, University of Vigo.
1997-99	Computing and Language Acquisition (50h/year) Linguistics Department, University of Blaise Pascal, France.
1998-99	French Language (phonetics, phonology, morphology, syntax) (30h) Linguistics Department, University of Blaise Pascal, France.
1998-99	General Linguistics (17h) Linguistics Department, University of Blaise Pascal, France.

RESEARCH

1993-99	Member of "Laboratoire de Recherche sur le Langage" (LRL) , Blaise Pascal University, France. Participation in 2 projects: ElaDyS (Elaboration Dynamique de la Signification), AMICAL (Architecture Multi-Agent Intelligente Compagnon d'Aide a l'Apprentissage de la Lecture).
2000-04	Member of "Grupo de Língua Natural" (GLINt) , Computing Science Department, New University of of Lisbon, Portugal. Participation in 2 projects: TRADAUT-PT (Machine Translation Portuguese-English, English-Portuguese, Portuguese-French, French-Portuguese), FASTLING (acción integrada Portugal-Francia).
since 2004	Member of "Grupo Gramática do Espanhol" (GE) , University of Santiago de Compostela, Spain. Participation in 2 projects: GARI-COTER (terminology extraction) and COLIBRI (question-answering), Ministerio de Educación y Ciencia.
since 2007	Principal Investigator of the research line "Processamento da Língua Natural" (ProLNat@GE) , funded by the Galician Government.

Projects as Principal Investigator:

<i>Title</i>	Un método lingüístico-estadístico para la traducción automática basado en corpus no-paralelos y semántica composicional
<i>Code</i>	-
<i>Duration</i>	01/10/2016 - 30/03/2018
<i>Amount</i>	39.974,91 €
<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	Programa de Ayudas a Investigadores y Creadores Culturales Fundación BBVA
<i>Title</i>	Tecnologías de la lengua para análisis de opiniones en redes sociales (Convenio con Univ. de Vigo)
<i>Code</i>	FFI2014-51978-C2-1-R
<i>Duration</i>	06/10/2015 - 31/12/2017
<i>Amount</i>	3,000.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	MINECO – Convenio Univ. de Vigo / Univ. Santiago de Compostela
<i>Title</i>	OntoPedia: Extracción automática de información ontológica y enciclopédica acerca de entidades con nombre
<i>Code</i>	FFI2010-14986
<i>Duration</i>	01/01/2011 - 31/12/2013
<i>Amount</i>	70,180.00 €

<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	Ministerio de Ciencia e Innovación.
<i>Title</i>	EXTRA-LEX: Extracción automática de léxicos bilingües Galego-Español e actualización dos recursos lexicográficos de motores de tradución automática
<i>Code</i>	PGIDIT07PXIB20401PR
<i>Duration</i>	01/01/2007-31/10/2010
<i>Amount</i>	54,050.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	Consellaría de Economía e Industria de la Xunta de Galicia.
<i>Title</i>	Automatización da análise sintáctica
<i>Code</i>	RYC-2007-00905
<i>Duration</i>	20/12/2007-19/12/2009
<i>Amount</i>	15,000.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	Ministerio de Educación y Ciencia
<i>Title</i>	Automatic Design of a Proper Noun Ontology for a Question-Answering System
<i>Code</i>	HP2007-0061
<i>Duration</i>	01/01/2008-31/03/2010
<i>Amount</i>	8,300.00 €
<i>PI</i>	Pablo Gamallo Otero, Paulo Quaresma (Universidade de Évora, Portugal)
<i>Funding</i>	Ministerio de Educación y Ciencia. (Program of “Acciones Integradas”)
<i>Title</i>	Consolidación e estruturación de unidades de investigación competitivas: grupos emerxentes
<i>Code</i>	2008/101
<i>Duration</i>	01/01/2008-15/11/2010
<i>Amount</i>	75,000.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Funding</i>	Consellaría de Educación e Ordenación Universitaria de la Xunta de Galicia

Research Contracts University - Enterprise

<i>Title</i>	EixOpenTrad: tradución automática avanzada de código aberto para as linguas de Galiza e Portugal
<i>Code</i>	2007/CG258
<i>Duration</i>	21/02/2007-30/09/2007
<i>Amount</i>	3,850.00 €
<i>PI</i>	Pablo Gamallo Otero

<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela
<i>Title</i>	GalinOpenTrad: Tradución automática avanzada de código aberto para a integración europea da lingua galega
<i>Code</i>	2008/CG269
<i>Duration</i>	1/04/2008-30/09/2008
<i>Amount</i>	2,300.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela
<i>Title</i>	RecursoOpenTrad: Recursos lingüístico-computacionais de tradución automática avanzada en código aberto para a integración europea da lingua galega
<i>Code</i>	2009/CG174-1
<i>Duration</i>	16/04/2009-30/09/2009
<i>Amount</i>	6,095.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela
<i>Title</i>	COATI: Pescuda avanzada multilingüe en blogs para a recuperación de opinións e tendencias para o ámbito empresarial e da administración pública
<i>Code</i>	2010/CG051
<i>Duration</i>	18/01/2010-30/10/2010
<i>Amount</i>	5,653.00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela
<i>Title</i>	CORUXA Biomedical Text Mining: extractor e codificador automático de información médica relevante mediante o uso da enxeñaría lingüística en código aberto
<i>Code</i>	2011/CG338
<i>Duration</i>	10/05/2011-30/09/2011
<i>Amount</i>	9.200,00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela
<i>Title</i>	CELTIC- Coñecemento Estratéxico Liderado por Tecnoloxías para a Intelixencia Competitiva (CDTI-Feder-Innterconecta)
<i>Code</i>	2012-CE138
<i>Duration</i>	21/09/2012-31/12/2014
<i>Amount</i>	21.000,00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	Factoría de Software e Multimedia, Universidade de Santiago de Compostela

<i>Title</i>	PLASTIC - PeopLe As a Service soportado por las Tecnologías de la Información y la Comunicación (CDTI-Feder-Innterconecta)
<i>Code</i>	2013-CE298
<i>Duration</i>	01/04/2013-31/12/2015
<i>Amount</i>	31.154,00 €
<i>PI</i>	Pablo Gamallo Otero
<i>Partners</i>	INDRA SISTEMAS, S.A., Universidade de Santiago de Compostela

PUBLICATIONS

BOOKS

- Chambreuil M., Ben Gharbia A., Bernigot C., Gamallo P. Panissod C., Reinberger ML. (1998) *Sémantiques*. Paris, Editions Hermès. 416 pages. ISBN: 2-86601-721-8.
- Gamallo P. (1998) *Construction conceptuelle des expressions complexes: le traitement de la combinaison nom-adjectif*, Thèse à la Carte, Editorial Septentrion, Lille, 420 pages. ISBN: 2-284-00938-7.

BOOK CHAPTERS

- Garcia, Marcos and Pablo Gamallo, (2015). "Yet another suite of multilingual NLP tools". In: José-Luis Sierra-Rodríguez, José-Paulo Leal, Alberto Simões, *Languages, Applications and Technologies, Volume 563 of the series Communications in Computer and Information Science*, Springer, pp 65-75. DOI: 10.1007/978-3-319-27653-3_7. ISBN: 978-3-319-27652-6
- Gamallo P. Garcia, Marcos, del Río, I., González, I. (2015) "Avalingua: Natural Language Processing for Automatic Error Detection". In: Marcus Callies, Sandra Götz (Eds.), *Learner Corpora in Language Testing and Assessment*. John Benjamins Publishing Company (35-58). DOI: 10.1075/scl.70.02gam. ISBN: 978-90-272-0378-6.
- Gamallo P. (2012) "Propuesta para una semántica de las dependencias sintácticas". In: Tomás J. Juliá, Belén López, Victoria Vázquez and Axendadre Veiga (Eds.), *Cum Corde Et In Nova Grammatica: Estudios ofrecidos a Guillermo Rojo*. Publicacións Universidade de Santiago de Compostela, (341-351). ISBN: 978-84-9887-914-8.
- Agustini, A., Gamallo P., Lopes, G.P. (2004) "Lexical Learning for Attachment Resolution". In: A. Branco, A. Mendes and R. Ribeiro (Eds.), *Language Technology for Portuguese: Shallow Processing Tools and Resources*. Edições Colibri, Portugal, (105-120). ISBN: 699-9674-6.
- Gamallo P. (2003) "Categorías morfosintácticas, relaciones sintácticas y composicionalidad semántica". In: Clara Molina and Manuela Romano (Eds.), *Cognitive Linguistics in Spain at the Turn of the Century* (173-188). ISBN: 699-9674-6.
- Gamallo P. (2001) "Caracterización Semántico-Cognitiva de las Categorías Gramaticales Fundamentales". In: Augusto Soares da Silva (Ed.), *Linguagem e Cognição*, Associação Portuguesa de Lingüística, Braga, Portugal, (355-374). ISBN: 972-98336-5-6.

JOURNALS WITH HIGH IMPACT FACTOR

- Pablo Gamallo (2017), "The role of syntactic dependencies in compositional distributional semantics" *Corpus Linguistics and Linguistic Theory*, Ahead of print (Jan 2017). DOI: 10.1515/cllt-2016-0038. ISSN: 1613-7027.
- Pablo Gamallo (2016), "Comparing explicit and predictive distributional semantic models endowed with syntactic contexts" *Language Resources and Evaluation*, First online: 13 May 2016. DOI: 10.1007/s10579-016-9357-4. ISSN: 1574-0218.
- Gamallo, P. (2016) "Entity Linking with Distributional Semantics". *Lecture Notes in Computer Science*, vol. 9727, (177-188). Springer-Verlag. DOI: 10.1007/978-3-319-41552-9_18. ISSN: 0302-9743.
- Zubiaga, Arkaitz, Iñaki San Vicente, Pablo Gamallo, José Ramón Pichel, Alegria, Iñaki, Nora Aranberri, Aitzo Ezeiza and Víctor

- Fresno (2016), TweetLID: a benchmark for tweet language identification, *Language Resources and Evaluation*, 50(4), pp. 729-766. DOI: 10.1007/s10579-015-9317-4. ISSN: 1574-0218.
- Garcia M., Gamallo P. (2015) "Exploring the Effectiveness of Linguistic Knowledge for Biographical Relation Extraction", *Natural Language Engineering*, 21(4), pp. 519-551. DOI: 10.1017/S1351324913000314. ISSN: 1351-3249.
- Alegria, Iñaki, Nora Aranberri, Víctor Fresno, Pablo Gamallo, Lluís Padró, Iñaki San Vicente, Jordi Turmo and Arkaitz Zubiaga (2015), TweetNorm: a benchmark for lexical normalization of Spanish tweets, *Language Resources and Evaluation*, vol 49(4), 883-905, DOI: 10.1007/s10579-015-9315-6. ISSN: 1574-0218.
- Gamallo, P. (2015) "Multilingual Open Information Extraction". *Lecture Notes in Computer Science*, vol. 9273, (711-722). Springer-Verlag. ISSN: 0302-9743. DOI: 10.1007/978-3-319-23485-4_72.
- Gamallo P. (2014) "Uso de corpora comparáveis para filtrar dicionários bilíngues gerados por transitividade", *DELTA: Documentação de Estudos em Lingüística Teórica e Aplicada*, 30(2), (213-235). DOI: 10.1590/0102-445034728151307539. ISSN: 0102-4450.
- Gamallo P. (2013) "Lexical inheritance with meronymic relationships", *Axiomathes*, vol. 23(1), (165-185), Springer Science. DOI 10.1007/s10516-011-9152-1, ISSN: 1121-1151.
- Saralegi, X., Gamallo, P. (2013) "Analyzing the Sense Distribution of Concordances Obtained by Web As Corpus Approach". *Lecture Notes in Computer Science*, vol. 7816, (355-367), Springer-Verlag. DOI: 10.1007/978-3-642-37247-6_29. ISSN: 0302-9743.
- Gamallo, P., Garcia, M. (2012) "Extraction of Bilingual Cognates from Wikipedia". *Lecture Notes in Computer Science*, vol. 7243, (63-72). Springer-Verlag. DOI:10.1007/978-3-642-28885-2_7. ISSN: 0302-9743.
- Gamallo P., Bordag S. (2011) "Is Singular Value Decomposition Useful for Word Similarity Extraction?", *Language Resources and Evaluation*, 45(2), (95-119). DOI: 10.1007/s10579-010-9129-5. ISSN: 1574-020X.
- Gamallo P., González I. (2011) "A Grammatical Formalism based on Patterns of Part-of-Speech Tags", *International Journal of Corpus Linguistics*, 16(1), 45-71. DOI: 10.1075/ijcl.16.1.03gam. ISSN: 1384-6655.
- Gamallo, Pablo, Marcos Garcia (2011) "A Resource-Based Method for Named Entity Extraction and Classification". *Lecture Notes in Computer Science*, vol. 7026, (610-623). Springer-Verlag. DOI: 10.1007/978-3-642-24769-9_44. ISSN: 0302-9743.
- Gamallo P., Pichel J-R. (2010) "Automatic Generation of Bilingual Dictionaries Using Intermediary Languages and Comparable Corpora", *Lecture Notes in Computer Science*, vol. 6008, Springer-Verlag, (473-483). DOI: 10.1007/978-3-642-12116-6_40. ISSN: 0302-9743.
- Gamallo P. (2009) "Comparing Different Properties Involved in Word Similarity Extraction", *Lecture Notes in Computer Science*, vol. 5816, Springer-Verlag, (634-645). DOI: 10.1007/978-3-642-04686-5_52. ISSN: 0302-9743.
- Gamallo P. (2008) "The Meaning of Syntactic Dependencies", *Linguistik Online*, 35(3), (33-53). DOI: 10.13092/lo.35.522. ISSN: 1615-3014.
- Gamallo P. (2008) "Comparing Window and Syntax Based Strategies for Semantic Extraction", *Lecture Notes in Computer Science*, vol. 5190, Springer-Verlag, (41-50). DOI: 10.1007/978-3-540-85980-2_5. ISSN: 0302-9743.
- Gamallo P., Lopes G.P., Agustini A. (2008) "Automatic Acquisition of Formal Concepts from Text", *Journal for Language Technology and Computational Linguistics* (former LDV-Forum), 23(1), (59-74). ISSN: 0175-1336.
- Gamallo P., Pichel, J.R. (2008) "Learning Spanish-Galician Translation Equivalents Using a Comparable Corpus and a Bilingual Dictionary", *Lecture Notes in Computer Science*, vol. 4919, Springer-Verlag, (423-433). DOI:10.1007/978-3-540-78135-6_36. ISSN: 0302-9743.
- Gamallo P., Lopes G.P., Agustini A. (2007) "Inducing Classes of Terms from Text", *Lecture Notes in Computer Science*, vol. 4629, Springer-Verlag, (31-38). DOI: 10.1007/978-3-540-74628-7_7. ISSN: 0302-9743.
- Gamallo P., (2006) "Using Natural Alignment to Extract Translation Equivalents", *Lecture Notes in Computer Science*, vol. 3960, Springer-Verlag, (41-49). DOI: 10.1007/2F11751984_5. ISSN: 0302-9743.
- Gamallo P., Agustini A. Lopes G.P. (2005) "Clustering Syntactic Positions with Similar Semantic Requirements". *Journal of Computational Linguistics*, 31(1), MIT Press, (107-146). DOI:10.1162/0891201053630318. ISSN: 0891-2017.
- Gamallo P., Pichel, J.R. (2005) "An Approach to Acquire Word Translations from Non-Parallel Texts", 12th Portuguese Conference on Artificial Intelligence (EPIA'05), *Lecture Notes in Computer Science*, vol. 3808, Springer-Verlag, (600-610). DOI: 10.1007/11595014_59. ISSN: 0302-9743 / ISBN 3-540-23410-1.

- Gamallo P., Gasperin C. Agustini A. Lopes G.P, Lima, V. (2005) "Using Syntactic Methods to Learn Semantic Information", **Linguística Computazionale**, vol XXII-XXIII, (201-228). DOI: 10.1400/18228. ISSN: 88-8147-413-1.
- Gamallo P., Da Silva J. Lopes G.P. (2004) "A Divide-And-Conquer Approach to Acquire Syntactic Categories", In: C. Bento, A. Cardoso, and G. Dias (Eds.), International Conference of Grammatical Inference, **Lecture Notes in Computer Science**, vol. 3264, (151-162), Springer-Verlag. DOI: 10.1007/2F978-3-540-30195-0_14. ISSN: 0302-9743 / ISBN 3-540-30737-0.
- Kozareva Z., Da Silva J., Gamallo P., Lopes G.P., (2004) "Cluster Analysis of Named Entities", In: M. Klopotek (Eds.), International Intelligent Information Processing and Web Mining Conference, **Advances in Soft Computing**, Vol. XIV, Springer-Verlag, (429-433). DOI: 10.1007/978-3-540-39985-8_47. ISSN: 1615-3871 / ISBN: 3-540-21331-7.
- Gamallo P. (2003) "Cognitive characterisation of basic grammatical structures". **Pragmatics & Cognition**, 11(2), Jonh Benjamins Publishing Company, (209-240). DOI: 10.1075/pc.11.2.03ote ISSN: 0929-0907.
- Gamallo P., Agustini A. Lopes G.P. (2003) "Acquiring Semantic Classes to Elaborate Attachment Heuristics", In: F. Moura Pires and S. Abreu (Eds.), 11th Portuguese Conference on Artificial Intelligence (EPIA'03), **Lecture Notes in Computer Science**, Vol. 2902, Springer (479-488). DOI: 10.1007/2F978-3-540-24580-3_56. ISSN: 0302-9743 / ISBN: 3-540-20589-6.
- Agustini A., Gamallo P., Lopes G.P. (2003) "Selection Restrictions Acquisition for Parsing Improvement". In: O. Bartenstein, U. Geske, M. Hannebauer, and O. Yoshie (eds.), *Web-Knowledge Management and Decision Support* (Selected papers from the 14th International Conference on Applications of Prolog - INAP). **Lecture Notes in Computer Science**, Vol. 2543, Springer-Verlag, (129-146). DOI: 10.1007/3-540-36524-9_11. ISSN: 0302-9743 / ISBN: 3-540-00680-X.
- Agustini A., Gamallo P., Lopes G.P. (2002): "Assessment of Selection Restrictions Acquisition", In: G. Bettencourt and G. Ramalho (Eds.), *16th Brazilian Symposium on Artificial Intelligence*, **Lecture Notes in Computer Science**, Vol. 2507, Springer (407-417). DOI: 10.1007/2F3-540-36127-8_39. ISSN: 0302-9743 / ISBN: 3-540-00124-7.
- Gamallo P., Agustini A. Lopes G.P. (2001) "Selections Restrictions Acquisition from Corpora", In: Pavel Brazdil and Alípio Jorge (Eds.), *10th Portuguese Conference on Artificial Intelligence (EPIA'01)*, **Lecture Notes in Computer Science**, Vol. 2258, Springer (30-43). DOI: 10.1007/2F3-540-45329-6_7. ISSN: 0302-9743 / ISBN: 3-540-43030-X.
- Gamallo P., Gasperin C. Agustini A. Lopes G.P. (2001) "Syntactic-Based Methods for Measuring Word Similarity", In: V. Matousek, P. Mautner, R. Moucek and K. Moucek (Eds.), *Text, Speech and Dialogue (TSD-2001)*. **Lecture Notes in Computer Science**, Vol. 2166, Springer (116-125). DOI: 10.1007/3-540-44805-5_15. ISSN: 0302-9743 / ISBN: 3-540-42557-8

JOURNALS WITH LOWER IMPACT FACTOR

- Gamallo, Pablo, Juan Carlos Pichel, Marcos Garcia, José Manuel Abuín and Tomás Fernández Pena, (2014) "Análisis morfosintáctico y clasificación de entidades nombradas en un entorno Big Data". **Procesamiento del Lenguaje Natural**, 53, p. 17-24. ISSN: 1135-5948.
- Garcia, Marcos and Pablo Gamallo, (2014) "Entity-Centric Coreference Resolution of Person Entities for Open Information Extraction". **Procesamiento del Lenguaje Natural**, 53, p. 25-32. ISSN: 1695-2618.
- Garcia, Marcos, Pablo Gamallo, Iria Gayo and Miguel Anxo Pousada Cruz, (2014). "PoS-tagging the Web in Portuguese. National varieties, text typologies and spelling systems". **Procesamiento del Lenguaje Natural**, 53, p. 95-101. ISSN: 1695-2618.
- Gamallo P., Garcia, M., González, I., Muñoz. M., Del Río, I. (2013) "Learning verb inflection using Cilenis conjugators ", **Eurocall Review** , 21(1): 12-19. ISSN: 1695-2618.
- Gamallo, P., Garcia, M. (2012) "Técnicas de procesamiento del lenguaje natural en la Recuperación de Información", **Novática**, vol. 219 , pages 42-47. ISSN: 0211-2124.
- Garcia, Marcos and Pablo Gamallo, 2011. Resolución de Correferencia de Nombres de Persona para Extracción de Información Biográfica. **Procesamiento del Lenguaje Natural**, 47, p. 47-55. ISSN: 1135-5948
- García Marcos, Gamallo, P. (2010) "Análise Morfosintáctica para o Português Europeu e Galego: Problemas, Soluções e Avaliação", **Linguamática**, 2(2), 59-67. ISSN: 1647-0818.
- Malvar Paulo, Pichel J-R., Senra O., Gamallo, P., García B. (2010) "Vencendo a escassez de recursos computacionais. Carvalho: Tradutor Automático Estatístico Inglês-Galego a partir de corpus paralelo Europarl Inglês-Português", **Linguamática**, 2(2), 31-38. ISSN: 1647-0818.
- Gamallo P., González, I. (2009) "Una gramática de dependencias basada en patrones de etiquetas" **Procesamiento del Lenguaje**

Natural, 43, (315-324). ISSN: 1135-5948.

- Pichel, J.R, Malvar, P., Senra, O., Gamallo P., García, A. (2009) "Carvalho: English-Galician SMT system form EuroParl English-Portuguese parallel corpus" *Procesamiento del Lenguaje Natural*, 43, (379-381). ISSN: 1135-5948.
- Gamallo P. and J.R. Pichel (2007) "Un método de extracción de equivalentes de traducción a partir de un corpus comparable castellano-gallego", *Procesamiento del Lenguaje Natural*, 39, pp. 241-248. ISSN: 1135-5948
- Gamallo P., Lopes G.P., Agustini A. (2007), "Extraction of Lexico-Semantic Classes from Text", *Publication Series of the Institute of Cognitive Science (PICS)*, Vol. 1-2007 (39-48). ISSN: 1610-5389.
- Barcala Mario, Eva Domínguez Noya, Pablo Gamallo, Marisol López, Eduardo Moscoso, Guillermo Rojo, Paula Santalla, Susana Sotelo. (2007) "El Proyecto Gari-Coter en el Seno del Proyecto RICOTERM2", *Procesamiento del Lenguaje Natural*, 39, pp. 295-296. ISSN: 1135-5948
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- Martínez-Castaño, R., J.C. Pichel and P. Gamallo (2016) "Sentiment Analysis on Multilingual Tweets using Big Data Technologies". In proceedings of XXVII Jornadas de Paralelismo, Salamanca (España), pp. 119-126. ISBN: 978-84-9012-626-4.
- Alegria, Iñaki, Nora Aranberri, Cristina España-Bonet, Pablo Gamallo, Hugo Gonçalo Oliveira, Eva Martínez Garcia, Iñaki San Vicente, Antonio Toral, Arkaitz Zubiaga (2015), "Overview of TweetMT: A Shared Task on Machine Translation of Tweets at SEPLN 2015". En *Proceedings of the Tweet Translation Workshop 2015 co-located with 31st Conference of the Spanish Society for Natural Language Processing (SEPLN 2015)*, Alicante, Spain, CEUR Proceedings, pp. 8-19. ISSN: 1613-0073.
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- García, M., Gamallo P.(2010) "Do preprocessamento morfológico à análise sintáctica de corpora multilíngue", *XXXIX Simposio Internacional de la Sociedad Española de Lingüística*, Santiago de Compostela, February 1-4. ISBN: 978-84-693-8655-2
- González, I., Gamallo P.(2010) "Estrategias para la elaboración de corpus comparables a partir de la web", *XXXIX Simposio Internacional de la Sociedad Española de Lingüística*, Santiago de Compostela, February 1-4. ISBN: 978-84-693-8655-2
- Gamallo P., Agustini A., Lopes P.G. (2004) "Disambiguation and Optional Co-composition". *Traitement Automatique de la Langue Naturelle (TALN'04)*, Fès, Marroco (199-204). ISBN: 2-9518233-4-7.
- Agustini A., Gamallo P., Lopes G.P. (2003): "Lexical Learning for Attachment Resolution", In: Anónio Branco (Ed.), *Workshop on Tagging and Shallow Processing of Portuguese (TASHA'03)*, Lisboa, Portugal (1-4).
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- Gamallo P., Agustini A., Lopes G.P. (2001) "The role of co-specification for the acquisition of selection restrictions from unsupervised corpora". *AFIA-2001, Workshop Applications Apprentissage, Acquisition des connaissances à partir de Textes Electroniques (A3CTE)*, Grenoble, France (27-33).
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Informatiques, Corse, France (79-88).

Gamallo P. & Chambreuil M (1996) "Une approche non modulaire de la Sémantique Lexicale". *Journées de Sémantique Lexicale Brestoises (JSLB-96)*, Brest, France.

COMMITTEES

Scientific Committees of Journals and Conferences:

- ◆ Revista Linguamática (desde 2010).
- ◆ Revista Agalia (desde 2012).
- ◆ SLATE 2012, 2013, 214, 2015, 2017. Symposium on Languages, Applications and Technologies.
- ◆ EPIA 2001, 2005, 2007, 2009, 2011, 2013, 2015, 2017. Encontro Português de Inteligência Artificial.
- ◆ EMLex 2017, 4th Colloquium on Lexicography.
- ◆ LREC 2004, 2014, 2016 Conference on Language Resources and Evaluation.
- ◆ PROPOR 2006, 2008, 2010, 2012, 2014, 2016, Conference on Computational Processing of the Portuguese Language.
- ◆ CERI 2010, 2012, 2014, 2016 Conferencia Española de Recuperación de Información.
- ◆ PaCor 2016, Parallel Corpora: Creation and Applications International Symposium
- ◆ STILL 2009, 2011. Brazilian Symposium in Information and Human Language Technology.
- ◆ VERB 2010: Interdisciplinary Workshop on Verbs. The Identification and Representation.
- ◆ ISDA 2008. 2nd Workshop on Intelligent Text Categorization and Clustering (WITCC 2008).
- ◆ ACL 2005 Student Workshop. Michigan, EEUU.
- ◆ TEMA 2005, Workshop on Text Mining and Applications. Covilhã, Portugal.

Organizing Committees:

- ◆ EMLex 2017, 4th Colloquium on Lexicography.
- ◆ PROPOR-2016 Co-located Workshops Chair.
- ◆ Twitter Machine Translation Workshop at SEPLN, TweetsMT, 2015.
- ◆ Twitter Language Identification Workshop at SEPLN, TweetsLID, 2014.
- ◆ Twitter Language Normalization Workshop at SEPLN, TweetNorm, 2013.

Reviewer in international Journals and Conferences:

- ◆ Algorithms (2017)
- ◆ Evolving Systems (2017)
- ◆ SemEval, Multilingual and Cross-lingual Semantic Word Similarity (2017)
- ◆ VarDial, Workshop on NLP for Similar Languages, Varieties and Dialects, co-located with EAACL 2017.
- ◆ Revista Signos (2016)
- ◆ ComSIS journal (2015)
- ◆ Natural Language Engineering (2015)
- ◆ Traitement Automatique de la Langue (2013, 2014)
- ◆ SemEval, International Workshop on Semantic Evaluation (2014)
- ◆ IEICE Transactions (2012)
- ◆ International Journal of Corpus Linguistics (2012)

PhD SUPERVISOR

Alexandre Agustini: “Aquisição Automática de Subcategorização Sintático-Semântica e sua Utilização em Sistemas de Processamento da Língua Natural”. PhD in Computer Science. Faculty of Science and Technology, New University of Lisbon. Thesis defense: November 2006.

M. Pilar Valverde Ibáñez: “Descripción cuantitativa del orden de las funciones clausales argumentales en español”. PhD in Linguistics. Faculty of Philology, University of Santiago de Compostela. Thesis defense: May 2009.

Marcos García González: “Extracção de Relações Semânticas. Recursos, Ferramentas e Estratégias”. PhD in Linguística. CITIUS, University of Santiago de Compostela. Thesis defense: December 2014. Premio Extraordinario de Doctorado (USC) and Best PhD Dissertation Award at PROPOR 2016.

SEMINARS and TALKS (invited)

- **Distributional Semantics and Compositional Translation**, Research Insider, CiTIUS, Univ. of Santiago de Compostela, 24/03/2017.
- **Strategies to Build High Quality Bilingual Lexicons from Comparable Corpora**, Parallel Corpora: Creation and Applications International Symposium PaCor-2016, Univ. of Santiago de Compostela, 01/12/2016.
- **Strategies for Open Information Extraction**, Keynote at LexSem+Logics 2016 Workshop, co-located in PROPOR-2016, Tomar, Portugal, July 2016.
- **Relaciones entre ciencia y empresa: situación y perspectivas de futuro**, Mesa Redonda: 25 Aniversario del Manifiesto Cotec de el Escorial, Fundación COTEC para la Innovación, Universidade de Santiago, December 2015.
- **Avalingua: Corrector y evaluador de la calidad lingüística de textos**, VII Jornadas Empresa-Universidad RedPliR, Universidade de Santiago de Compostela, November 2015.
- **Ferramentas Lingüísticas na USC**, Xornadas de Lexicografía, Faculdade de Filologia, Universidade de Santiago de Compostela, June 2015.
- **An Overview of Open Information Extraction and Linguakit**, Seminar at INESC, University of Porto, December 2014.
- **An Overview of Open Information Extraction**, Keynote at 3rd Symposium on Languages, Applications, and Technology (SLATE-2014), Instituto Politécnico de Bragança, June 2014.
- **Web Inteligente**, Mesa Redonda in summer course: Big Data & Data Science, July, 2013.
- **A Depurative Strategy for Dependency Parsing with Finite-State Transducers**, Seminario Parsing de Dependencias, Faculdade de Informática, Universidade da Coruña, June 2012.
- **Construção de dicionários bilingues por transitividade**, I Workshop Per-Fide, Construção, Exploração e aplicação de Corpora Paralelos, Universidade do Minho, September 2010.
- **Extracção automática de thesaurus**, Jornadas de Informática, Universidade do Minho, September 2010.
- **Modelos lingüísticos para a educação**, II Jornadas da Língua, Universidade de Ourense, Janeiro 2010, e I Jornadas de Cultura, Língua e Ensino, Universidade da Coruña, Março, 2010.
- **Software libre na USC para o procesamento da linguaxe natural**, Summer courses of USC intituled: “O Software libre e a Lingüística”, september 2009.
- **Extracção de classes semânticas em Galois Lattices e extracção de léxicos bilingues a partir de corpora comparáveis não-paralelos**, Seminars of Centro de Lingüística, Faculdade de Letras da Universidade de Porto (FLUP), Mars, 2007.
- **Lingüística de corpus y extracción de información**, II Jornadas de Actualización Gramatical. Universidade de Santiago de Compostela, October, 2006.
- **Extraction methods of bilingual lexicon from parallel and non-parallel corpora**, 1st International Workshop of Researchers, Universidade de Vigo, Mars 2006.
- **Cómo usar un corpus para identificar esquemas sintático-semánticos?**, Seminar SERES, Universidade de Vigo, 2005.
- **Thesaurus Design from Analised Corpora**, Seminars of *GLINt (Grupo de Língua Natural)*, Universidade Nova de Lisboa, Portugal, Mars 2003.
- **A method for acquiring selection restrictions**, Seminars of *CNTS (Centrum voor Nederlandse Taal en Spraak)*, University of Antwerp, Belgium, July 2002.
- **Preliminary results on selection restrictions extraction from partially parsed texts collections**, *Lisbon Meeting of the*

TRADAUT-PT MLIS project, Universidade Nova de Lisboa, Portugal, January 2001.

- **Um sistema de Pesquisa de Informação para Textos em Língua Portuguesa**, Tutorial: *Presente e Futuro do E-Learning*, Universidade Aberta, Lisboa, Portugal, June 2001
- **Semântica Lexical**, seminars of *INESC*, Lisbon, Portugal, April 2001.
- **Construction dynamique de la signification**, seminars of Laboratoire d'Informatique de Paris-Nord (LIPN). 1998.

AWARDS

- 1º Premio in *XI Concurso de Proyectos Innovadores de la Universidad de Santiago de Compostela* (2012)
- Honorable Mention in *Building Global Innovators 2013*, MIT Portugal, Lisboa. (2013)