

CV — Publications

January, 2019

Paulo Miguel Torres Duarte Quaresma
pq@uevora.pt

Contents

1	Publications	3
1.1	Thesis	3
1.2	International Journals	3
1.3	Books or collections	5
1.4	Conferences with internationally available proceedings	6
1.5	Other conferences	16
1.6	Editions	26

1 Publications

1.1 Thesis

- [1] Paulo Quaresma. *Inferência de Atitudes em Diálogos*. PhD thesis, Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa, 1997. In Portuguese. (pdf) (ps).

1.2 International Journals

- [2] Ida Rebelo-Arnold, Anabela Barreiro, Paulo Quaresma, and Cristina Mota. Alinhamentos parafrásticos pe–pb de construções de predicados verbais com o pronome clítico lhe. *Linguamatica*, 10(2):3–11, 2018.
- [3] Renata Vieira, Amália Mendes, Paulo Quaresma, Evandro Fonseca, Sandra Collovini, and Sandra Antunes. Corref-pt: A semi-automatic annotated portuguese coreference corpus. *Computación y Sistemas*, 22(4):1259 – 1267, 2018.
- [4] Swarnendu Ghosh, Nibaran Das, Teresa Gonçalves, Paulo Quaresma, and Mahantapas Kundu. The journey of graph kernels through two decades. *Computer Science Review*, 27:88 – 111, 2018.
- [5] Amália Mendes, Iris Hendrickx, Luciana Ávila, Paulo Quaresma, Teresa Gonçalves, and João Sequeira. Modality annotation for portuguese: from manual annotation to automatic labeling. *LILT – Linguistic Issues in Language Technology*, 14(5):1 – 38, 2016.
- [6] P. Fialho, R. Marques, B. Martins, L. Coheur, and P. Quaresma. Inesc-id@assin: Measuring semantic similarity and recognizing textual entailment — inesc-id@assin: Medição de similaridade semântica e reconhecimento de inferência textual. *Linguamatica*, 8(2):33–42, 2016.
- [7] Igor Silva, Márcia Schmaltz, Fábio Alves, Adriana Pagano, Derek Wong, Lídia Chao, Ana Leal nd Paulo Quaresma, and Caio Garcia. Translating and post-editing in the chinese-portuguese language pair. *Translation Spaces*, 4(1):145 – 169, 2015.
- [8] J.R. Marques da Silva, C.V. Damásio, A.M.O. Sousa, L. Bugalho, L. Pessanha, and P. Quaresma. Agriculture pest and disease risk maps considering MSG satellite data and land surface temperature. *International Journal of Applied Earth Observation and Geoinformation*, 38(0):40 – 50, 2015.
- [9] Chunhui Lu, Ana Leal, Paulo Quaresma, and Márcia Schmaltz. Analysis of the chinese – portuguese machine translation of chinese localizers qian and hou. In Xiaodong Shi and Yidong Chen, editors, *Machine Translation*, volume 493 of *Communications in Computer and Information Science*, pages 70–79. Springer Berlin Heidelberg, 2014.

- [10] Paula Saraiva and Paulo Quaresma. Novos caminhos para as bibliotecas e bibliotecários de saúde: curadoria de dados, cloud e web semântica. *Revista da APDSI – Associação Portuguesa de Documentação e Informação em Saúde*, (13):43–56, 2014.
- [11] Nibaran Das, Swarnendu Ghosh, Teresa Gonçalves, and Paulo Quaresma. Comparison of Different Graph Distance Metrics for Semantic Text Based Classification. *Polibits*, (49):51–57, 2014.
- [12] P. Salgueiro J. Saias, P. Quaresma and T. Santos. Binli: An ontology-based natural language interface for multidimensional data analysis. *Intelligent Information Management*, 4(5):225–230, September 2012. (pdf).
- [13] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. Exploiting Majority Acceptable Arguments in Composite Ontology Matching. *International Journal of Artificial Intelligence (IJAI)*, 8(S12):1–19, 2012. (pdf).
- [14] Cássia Trojahn, Márcia Moraes, Paulo Quaresma, and Renata Vieira. Cooperative approach for composite ontology mapping. *Journal on Data Semantics*, 4900(X):237–263, 2008. (pdf).
- [15] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. An argumentation framework based on confidence degrees to combine ontology mapping approaches. *International Journal of Metadata, Semantics and Ontologies*, 2(3):142–150, 2008. (pdf).
- [16] Isa Alves, Rove Chishman, and Paulo Quaresma. Verbos do domínio jurídico: uma proposta de organização ontológica com vistas ao pln. *Veredas – Revista de Estudos Linguísticos da Universidade Federal de Juiz de Fora, Brasil*, 9(1/2):123–137, Jan/Dez 2005. (pdf).
- [17] Cássia Trojahn, Márcia Moraes, Paulo Quaresma, and Renata Vieira. A negotiation model for composing ontology matching approaches. *Scientia, UNISINOS, Brazil*, 16:12–27, 2006. (pdf).
- [18] Paulo Quaresma, Irene Pimenta Rodrigues, Carlos Prolo, and Renata Vieira. Um sistema de pergunta-resposta para uma base de conhecimentos. *Letras de Hoje – Revista da Pontifícia Universidade Católica do Rio Grande do Sul*, 144:43–64, June 2006. (pdf).
- [19] José Saias and Paulo Quaresma. A methodology to create legal ontologies in a logic programming based web information retrieval system. *Journal of Artificial Intelligence and Law(AI&Law)*, 12(4):397–417, 2004. (pdf) (ps).
- [20] Paulo Quaresma and Irene Pimenta Rodrigues. Automatic classification and intelligent clustering for wwweb information retrieval systems. *Journal of Information Law and Technology (JILT)*, 2, 2000. <http://elj.warwick.ac.uk/jilt/00-2/> – Extended and revised version of the BILETA’2000 paper. (pdf) (ps).

- [21] José Gabriel Lopes, Paulo Quaresma, and Irene Pimenta Rodrigues. A dialog system for controlling question/answer dialogues. In R. Potapova, editor, *Text Processing and Cognitive Technologies*, volume 2, pages 75–86. Moscow, Russia, 1999. Extended and revised version of the DIALOG’97 paper. (pdf) (ps).
- [22] Paulo Quaresma and José Gabriel Lopes. Unified logic programming approach to the abduction of plans and intentions in information-seeking dialogues. *Journal of Logic Programming*, 24(54):103,121, 1995. (pdf) (ps).

1.3 Books or collections

- [23] Ana Costa Freitas, Paulo Quaresma, Ausenda Balbino, Rosalina Costa, Inês Secca Ruivo, Luís Rato, and José Calado. *Ethical Governance for Sustainable Development in Higher Education Institutions: Lessons from a Small Scale University*, chapter 10. IGI Global, 2019.
- [24] Leila Weitzel, Paulo Quaresma, José Palazzo Moreira, and Danilo Artigas. *Can we trust the health information we find online?: identification of influential nodes*, pages 88 – 111. IGI Global, 2018.
- [25] Igor Silva, Fábio Alves, Márcia Schmaltz, Adriana Pagano, Derek Wong, Lidia Chao, Ana Leal, Paulo Quaresma, Caio Garcia, and Gabriel Silva. *Translation, post-editing and directionality*, pages 107 – 133. John Benjamins Publishing Company, 2017.
- [26] L. Weitzel, F. Bernardini, P. Quaresma, C.A. Alves, W. Zacharski, and L.G. de Figueiredo. Brazilian social mood: The political dimension of emotion. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 9822:247–252, 2016.
- [27] Márcia Schmaltz, Igor A. L. da Silva, Adriana Pagano, Fabio Alves, Ana Luísa V. Leal, Derek F. Wong, Lidia S. Chao, and Paulo Quaresma. *Cohesive Relations in Text Comprehension and Production: An Exploratory Study Comparing Translation and Post-Editing*, pages 239–263. Springer International Publishing, Cham, 2016.
- [28] Paulo Quaresma, Teresa Gonçalves, Salvador Abreu, José Hélio Costa, Kaveh Mashayekhi, Birgit Arnholdt-Schmitt, and Jan T. Svensson. *Artificial intelligence for the detection of AOX functional markers*, pages 261–266. John Wiley & Sons, Ltd, 2015.
- [29] Paulo Quaresma. Análise linguística de documentos da bpe: uma abordagem informática. In *Património Textual e Humanidades Digitais: da antiga à nova Filologia*, pages 139–156. CIDEHUS, Universidade de Évora, 2013.
- [30] António Branco, Amália Mendes, Sílvia Pereira, Paulo Henriques, Thomas Pellegrini, Hugo Meinedo, Isabel Trancoso, Paulo Quaresma, Vera Lúcia Strube de Lima, and Fernanda Bacelar. *A língua portuguesa na era digital – The Portuguese Language in the*

- Digital Age*. META-NET White Paper Series. Georg Rehm and Hans Uszkoreit (Series Editors). Springer, 2012. Available online at <http://www.meta-net.eu/whitepapers>.
- [31] T. Gonçalves and P. Quaresma. *Polylingual text classification in the legal domain*, volume 1-2 of *"Informatica & Diritto" Journal*, pages 203–216. Edizione Scientifiche Italiane, 2010. (pdf).
 - [32] Teresa Gonçalves and Paulo Quaresma. Using linguistic information and machine learning techniques to identify entities from juridical documents. In E. Francesconi, E. Montemagni, W. Peters, and D. Tiscornia, editors, *Semantic Processing of Legal Texts*, Lecture Notes in Artificial Intelligence LNAI 6036, pages 44–59. Springer, 2010. (pdf).
 - [33] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. Matching law ontologies using an extended argumentation framework based on confidence degrees. In *Law, Ontologies and the Semantic Web, Channelling the Legal Information Flood*, volume 188 of *Frontiers in Artificial Intelligence and Applications*, pages 1–12. IOS Press, December 2008. ISBN: 978-1-58603-942-4, (pdf).
 - [34] Paulo Quaresma and Irene Rodrigues. Avaliação de sistemas interactivos de recuperação de informação em bases de texto jurídicas. In Diana Santos, editor, *Avaliação conjunta: um novo paradigma no processamento computacional da Língua Portuguesa*, pages 1–10. Chapter 21. IST Press, 2007. ISBN: 978-972-8469-60-8, (pdf).
 - [35] José Saias and Paulo Quaresma. A methodology to create legal ontologies in a logic programming information retrieval system. In R. Benjamins, P. Casanovas, A. Gangemi, and B. Selic, editors, *Law and the Semantic Web*, Lecture Notes in Computer Science LNCS 3369, pages 185–200. Springer-Verlag, 2005. (pdf).
 - [36] P. Quaresma and I. Rodrigues. Using dynamic logic programming to model cooperative dialogues. In Fawzi Daoud, editor, *Modal and Temporal Logics based Planning for Open Networked Multimedia Systems*. IOS Press, 2001. Extended and revised version of the AAAI’99 Fall Symposium paper. (pdf) (ps).
 - [37] Paulo Quaresma and Irene Pimenta Rodrigues. Construire le contexte d’une interface web pour des bases de données juridiques. In D. Bourcier, P. Hassett, and C. Roquilly, editors, *Droit et Intelligence Artificielle, Collection Droit et Technologies*, pages 46–58. Editions Romillat, Paris, France, 2000. (pdf) (ps).
 - [38] J.G.P. Lopes and P. Quaresma. A computational logic approach to autonomous agents behavior. In João Caraça, editor, *Brain, Language and Communication*. Fundação Calouste Gulbenkian, Lisbon, 1998.

1.4 Conferences with internationally available proceedings

- [39] João Sequeira, Teresa Gonçalves, Paulo Quaresma, Amália Mendes, and Iris Hendrickx. A multi- versus a single-classifier approach for the identification of modality in the por-

- tuguese language. In Nicoletta Calzolari, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Kôiti Hasida, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, Hélène Mazo, Asunción Moreno, Jan Odijk, Stelios Piperidis, and Takenobu Tokunaga, editors, *Proceedings of the Eleventh International Conference on Language Resources and Evaluation, LREC 2018, Miyazaki, Japan, May 7-12, 2018*. European Language Resources Association (ELRA), 2018.
- [40] Pedro Fialho, Hugo Rodrigues, Luísa Coheur, and Paulo Quaresma. L2F/INESC-ID at semeval-2017 tasks 1 and 2: Lexical and semantic features in word and textual similarity. In Steven Bethard, Marine Carpuat, Marianna Apidianaki, Saif M. Mohammad, Daniel M. Cer, and David Jurgens, editors, *Proceedings of the 11th International Workshop on Semantic Evaluation, SemEval@ACL 2017, Vancouver, Canada, August 3-4, 2017*, pages 213–219. Association for Computational Linguistics, 2017.
- [41] João Sequeira, Teresa Gonçalves, Paulo Quaresma, Amália Mendes, and Iris Hendrickx. Using syntactic and semantic features for classifying modal values in the portuguese language. In Alexander F. Gelbukh, editor, *Computational Linguistics and Intelligent Text Processing - 17th International Conference, CICLing 2016, Konya, Turkey, April 3-9, 2016, Revised Selected Papers, Part II*, volume 9624 of *Lecture Notes in Computer Science*, pages 362–373. Springer, 2016.
- [42] Prakash Poudyal, Teresa Gonçalves, and Paulo Quaresma. Experiments on identification of argumentative sentences. In *Proceedings of the SKIMA – Software, Knowledge, Information Management and Applications Conference*, pages 398–403. IEEE, 2016.
- [43] Mohammad Moinul Hoque and Paulo Quaresma. A content-aware hybrid architecture for answering questions from open-domain texts. In *Proceedings of the 19th International Conference on Computer and Information Technology*, pages 293–298. IEEEExplore, 2016.
- [44] Swarnendu Ghosh, Nibaran Das, Teresa Gonçalves, and Paulo Quaresma. Representing image captions as concept graphs using semantic information. In *2016 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2016, Jaipur, India, September 21-24, 2016*, pages 162–167. IEEE, 2016.
- [45] Leila Weitzel, Raul Freire, Paulo Quaresma, Teresa Gonçalves, and Ronaldo Prati. How does irony affect sentiment analysis tools? In Francisco Pereira, Penousal Machado, Ernesto Costa, and Amílcar Cardoso, editors, *Progress in Artificial Intelligence*, volume 9273 of *Lecture Notes in Computer Science*, pages 803–808. Springer International Publishing, 2015.
- [46] Mohammad Moinul Hoque and Paulo Quaresma. An effective approach for relevant paragraph retrieval in question answering systems. In *Proceedings of the 18th International Conference on Computer and Information Technology*, pages 44–49. IEEEExplore, 2015.
- [47] Mohammad Moinul Hoque and Paulo Quaresma. A semantic based technique for question classification in question answering systems - a hybrid approach. In *Proceedings of the*

- 18th International Conference on Computer and Information Technology*, pages 38–43. IEEEExplore, 2015.
- [48] Md Moinul Hoque and Paulo Quaresma. Semontoqa: A semantic understanding-based ontological framework for factoid question answering. In *Proceedings of the Forum for Information Retrieval Evaluation, FIRE '14*, pages 10–20, New York, NY, USA, 2015. ACM.
 - [49] Paulo Quaresma, Amália Mendes, Iris Hendrickx, and Teresa Gonçalves. Tagging and labelling portuguese modal verbs. In Jorge Baptista, Nuno J. Mamede, Sara Candeias, Ivandré Paraboni, Thiago Alexandre Salgueiro Pardo, and Maria das Graças Volpe Nunes, editors, *PROPOR*, volume 8775 of *Lecture Notes in Computer Science*, pages 70–81. Springer, 2014.
 - [50] Nibaran Das, Swarnendu Ghosh, Teresa Gonçalves, and Paulo Quaresma. Using graphs and semantic information to improve text classifiers. In Adam Przepiórkowski and Maciej Ogrodniczuk, editors, *PolTAL*, volume 8686 of *Lecture Notes in Computer Science*, pages 324–336. Springer, 2014.
 - [51] João Sequeira, Nuno Miranda, Teresa Gonçalves, and Paulo Quaresma. TeamUEvora at clef ehealth 2014 task2a. In Linda Cappellato, Nicola Ferro, Martin Halvey, and Wessel Kraaij, editors, *CLEF (Working Notes)*, volume 1180 of *CEUR Workshop Proceedings*, pages 156–166. CEUR-WS.org, 2014.
 - [52] Leila Weitzel, José Palazzo M. de Oliveira, and Paulo Quaresma. Measuring the reputation in user-generated-content systems based on health information. In David Abramson, Michael Lees, Valeria V. Krzhizhanovskaya, Jack Dongarra, and Peter M. A. Sloot, editors, *Proceedings of the International Conference on Computational Science, ICCS 2014, Cairns, Queensland, Australia, 10-12 June, 2014*, volume 29 of *Procedia Computer Science*, pages 364–378. Elsevier, 2014.
 - [53] David Ameixa, Luísa Coheur, Pedro Fialho, and Paulo Quaresma. Luke, I am your father: Dealing with out-of-domain requests by using movies subtitles. In Timothy W. Bickmore, Stacy Marsella, and Candace L. Sidner, editors, *Intelligent Virtual Agents - 14th International Conference, IVA 2014, Boston, MA, USA, August 27-29, 2014. Proceedings*, volume 8637 of *Lecture Notes in Computer Science*, pages 13–21. Springer, 2014.
 - [54] Liang Tian, Derek F. Wong, Lidia S. Chao, Paulo Quaresma, Francisco Oliveira, and Lu Yi. Um-corpus: A large english-chinese parallel corpus for statistical machine translation. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asunción Moreno, Jan Odiijk, and Stelios Piperidis, editors, *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC-2014), Reykjavik, Iceland, May 26-31, 2014.*, pages 1837–1842. European Language Resources Association (ELRA), 2014.

- [55] Leila Weitzel, José Palazzo Moreira de Oliveira, and Paulo Quaresma. Exploring trust to rank reputation in microblogging. In Hendrik Decker, Lenka Lhotská, Sebastian Link, Josef Basl, and A Min Tjoa, editors, *DEXA (2)*, volume 8056 of *Lecture Notes in Computer Science*, pages 434–441. Springer, 2013.
- [56] Luís Borrego and Paulo Quaresma. Processing medical reports to automatically populate ontologies. In Karen Courtney and Omid Shabestari, editors, *Enabling Health and Health-care Through ICT*, volume 183 of *Studies in Health Technology and Informatics*, pages 201–208, Victoria, Canada, February 2013. IOS Press.
- [57] Adam Wyner, Johan Bos, Valerio Basile, and Paulo Quaresma. An empirical approach to the semantic representation of laws. In Burkhard Schäfer, editor, *Legal Knowledge and Information Systems - JURIX 2012: The Twenty-Fifth Annual Conference, University of Amsterdam, The Netherlands, 17-19 December 2012*, volume 250 of *Frontiers in Artificial Intelligence and Applications*, pages 177–180. IOS Press, 2012.
- [58] Prakash Poudyal and Paulo Quaresma. An hybrid approach for legal information extraction. In Burkhard Schäfer, editor, *Legal Knowledge and Information Systems - JURIX 2012: The Twenty-Fifth Annual Conference, University of Amsterdam, The Netherlands, 17-19 December 2012*, volume 250 of *Frontiers in Artificial Intelligence and Applications*, pages 115–118. IOS Press, 2012.
- [59] João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Semantic role labeling for portuguese - a preliminary approach -. In Helena de Medeiros Caseli, Aline Villavicencio, António J. S. Teixeira, and Fernando Perdigão, editors, *PROPOR*, volume 7243 of *Lecture Notes in Computer Science*, pages 193–203. Springer, 2012. (pdf).
- [60] Leila Weitzel, Paulo Quaresma, and José Palazzo M. de Oliveira. Evaluating quality of health information sources. In Leonard Barolli, Tomoya Enokido, Fatos Xhafa, and Makoto Takizawa, editors, *AINA*, pages 655–662. IEEE, 2012. (pdf).
- [61] Leila Weitzel, Paulo Quaresma, and José Palazzo M. de Oliveira. Measuring node importance on twitter microblogging. In *Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics, WIMS '12*, pages 11:1–11:7, New York, NY, USA, 2012. ACM. (pdf).
- [62] N. Miranda, R. Raminhos, P. Seabra, J. Sequeira, T. Gonçalves, and P. Quaresma. Named entity recognition using machine learning techniques. In *EPIA-11, 15th Portuguese Conference on Artificial Intelligence*, Lisbon, PT, October 2011. PDF.
- [63] M. Gaspar, T. Gonçalves, and P. Quaresma. Text classification using semantic information and graph kernels. In *EPIA-11, 15th Portuguese Conference on Artificial Intelligence*, Lisbon, PT, October 2011. PDF.
- [64] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, Teresa Gonçalves, José Saias, and Paulo Quaresma. Information extraction for standardization of tourism products. In José A.

- Lozano, José A. Gámez, and José A. Moreno, editors, *CAEPIA*, volume 7023 of *Lecture Notes in Computer Science*, pages 453–462. Springer, 2011. (pdf).
- [65] José Saias and Paulo Quaresma. Semantic networks and spreading activation process for qa improvement on text answers. In *Proceedings of the 8th Brazilian Symposium in Information and Human Language Technology - STIL2011*, Mato Grosso, Brasil, 2011. (pdf).
 - [66] Cássia Trojahn dos Santos, Paulo Quaresma, and Renata Vieira. An api for multi-lingual ontology matching. In Nicoletta Calzolari, Khalid Choukri, Bente Maegaard, Joseph Mariani, Jan Odijk, Stelios Piperidis, Mike Rosner, and Daniel Tapias, editors, *LREC*. European Language Resources Association, 2010.
 - [67] Cássia Santos, Paulo Quaresma, and Renata Vieira. Argumentation frameworks for legal reasoning. In *ICAIL'09 - International Conference on Artificial Intelligence and Law*, pages 1–2, Barcelona, Spain, June 2009. ACM. (pdf).
 - [68] Teresa Gonçalves and Paulo Quaresma. Using graph-kernels to represent semantic information in text classification. In Petra Perner, editor, *Machine Learning and Data Mining in Pattern Recognition*, volume 5632 of *Lecture Notes in Artificial Intelligence LNCS/LNAI*, pages 632–646. Springer, July 2009. (pdf).
 - [69] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. An argumentation framework based on strength for ontology mapping. In Iyad Rawan and Pavlos Moraitis, editors, *Argumentation in MultiAgents Systems – Fifth International Workshop ArgMAS, Revised Selected and Invited Papers*, volume 5384, pages 57–71. Springer, May 2009. (pdf).
 - [70] T. Gonçalves and P. Quaresma. Text classification using tree kernels and linguistic information. In M. Arif Wani, Xue wen Chen, David Casasent, Lukasz Kurgan, Tony Hu, and Khalid Hafeez, editors, *ICMLA'08 – 7th International Conference on Machine Learning and Applications*, pages 763–768. IEEE Computer Society, December 2008. (pdf).
 - [71] T. Gonçalves and P. Quaresma. Using linguistic information to classify portuguese text documents. In Alexander Gelbukh and Eduardo Morales, editors, *MICAI'08 – 7th Mexican International Conference on Artificial Intelligence, Proceedings of the Special Session*, pages 94–100. IEEE Computer Society, October 2008. (pdf).
 - [72] José Saias and Paulo Quaresma. The university of Évora's participation in qa@clef-2007. In C. Peters et al., editor, *Workshop of the Cross Language Evaluation Forum 2007*, volume 5152 of *Lecture Notes in Computer Science*, pages 316–323. Springer-Verlag, 2008. (pdf).
 - [73] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. Conjunctive queries for ontology based agent communication in mas. In Lin Padgham, David Parkes, and Jorg Muller, editors, *Seventh International Conference on Autonomous Agents and Multiagent Systems*, volume 2, pages 829–836, Estoril, Portugal, May 2008. INESC-ID. ISBN 978-0981738116, (pdf).

- [74] Cássia Santos, Paulo Quaresma, and Renata Vieira. An extended value-based argumentation framework for ontology mapping with confidence degrees. In I. Rahwan, S. Parsons, and C. Reed, editors, *Argumentation in Multi-Agent Systems – 4th International Workshop ArgMAS, Revised Selected and Invited Papers*, volume 4946 of *Lecture Notes in Artificial Intelligence LNCS/LNAI*, pages 132–144, Honolulu, Hawaii, USA, May 2007. Springer. (pdf).
- [75] Isa Alves, Rove Chishman, and Paulo Quaresma. The construction of a juridical ontology. In *Proceedings of the ICAIL'07 - International Conference on Artificial Intelligence and Law*, pages 93–94, Stanford, USA, June 2007. ACM. ISBN: 978-1-59593-680-6, (pdf).
- [76] José Saias and Paulo Quaresma. A proposal for a web information extraction and question-answer system. In Katarzyna M. Wegrzyn-Wolska and Piotr S. Szczepaniak, editors, *Proceedings of the 5th Atlantic Web Intelligence Conference - AWIC2007*, volume 43 of *Advances in Soft Computing*, Fontainebleau, France, June 2007. Springer. ISBN: 978-3-540-72574-9, (pdf).
- [77] Cássia Trojahn dos Santos, Márcia Cristina Moraes, Paulo Quaresma, and Renata Vieira. A negotiation model for ontology mapping. In *IAT*, pages 762–768. IEEE Computer Society, 2006. (pdf).
- [78] Cássia Santos, Paulo Quaresma, Irene Rodrigues, and Renata Vieira. A multi-agent approach to question answering. In R. Vieira, P. Quaresma, M. G. V. Nunes, N. Mamede, C. Oliveira, and M. C. Dias, editors, *PROPOR*, volume 3960 of *Lecture Notes in Computer Science*, pages 131–139. Springer, 2006. (pdf).
- [79] Ana Luísa Leal, Paulo Quaresma, and Rove Chishman. From syntactical analysis to textual segmentation. In R. Vieira, P. Quaresma, M. G. V. Nunes, N. Mamede, C. Oliveira, and M. C. Dias, editors, *PROPOR*, volume 3960 of *Lecture Notes in Computer Science*, pages 252–255. Springer, 2006. (pdf).
- [80] Teresa Gonçalves, Cassiana Silva, Paulo Quaresma, and Renata Vieira. Analysing part-of-speech for portuguese text classification. In Alexander F. Gelbukh, editor, *CICLing*, volume 3878 of *Lecture Notes in Computer Science*, pages 551–562. Springer, 2006. (pdf).
- [81] P. Quaresma and I. Rodrigues. A question-answering system for legal information retrieval. In Marie-Francine Moens and Peter Spyns, editors, *Proceedings of JURIX 2005: The 18th Annual Conference on Legal Knowledge and Information Systems*, Frontiers in Artificial Intelligence and Applications, pages 91–100, Brussels, Belgique, December 2005. IOS Press. "ISBN 1-58603-576-2". (pdf).
- [82] Paulo Quaresma, Luis Quintano, Irene Rodrigues, and Pedro Salgueiro. The university of Évora approach to qa@clef-2004. In C. Peters, P. Clough, J. Gonzalo, G. Jones, M. Kluck, and B. Magnini, editors, *Multilingual Information Access for Text, Speech and Images*, Lecture Notes in Computer Science LNCS 3491, pages 534–543. Springer, 2005. Revised

- and selected papers of the 5th Workshop of the Cross-Language Evaluation Forum, CLEF, (pdf).
- [83] T. Gonçalves and P. Quaresma. Enhancing a Portuguese text classifier using part-of-speech tags. In M. Klopotek, S. Weirzchon, and K. Trojanowski, editors, *Proceedings of the International IIS: IIPWM'05 Conference*, Advances in Soft Computing, pages 189–198, Gdansk, Poland, June 2005. Springer-Verlag. (pdf).
 - [84] T. Gonçalves and P. Quaresma. Is linguistic information relevant for the classification of legal texts? In Giovanni Sartor, editor, *Proceedings of the 10th International Conference on Artificial Intelligence and Law*, pages 168–176, Bologna, Italy, June 2005. ACM. ISBN 1-59593-081-7, (pdf).
 - [85] C. Bratsas, I. Hatzizisis, P. Bamidis, P. Quaresma, and N. Maglaveras. Similarity estimation among owl descriptions of computational cardiology problems in a knowledge base. In *Proceedings of CinC 2005 – Computers in Cardiology*, volume 32, pages 243–246, Lyon, France, 2005. IEEE Comp. Soc. Press. (pdf).
 - [86] P. Quaresma and I. Rodrigues. A question-answering system for portuguese juridical documents. In Giovanni Sartor, editor, *Proceedings of the 10th International Conference on Artificial Intelligence and Law*, pages 256–257, Bologna, Italy, June 2005. ACM, New York. ISBN 1-59593-081-7, (pdf).
 - [87] C. Bratsas, P. Bamidis, P. Quaresma, G. Pangalos, and N. Maglaveras. An internet application to manage an owl ontology for medical computational problem solving. In A. Engin and P. Niederer, editors, *Proceedings of MedNet 2005 – 10th World Congress on the Internet in Medicine*, volume 13 of *Special Issue: Technology and HealthCare*, pages 365–366, Prague, Czech Republic, 2005. IOS Press. ISSN 0928-7329, (pdf).
 - [88] T. Gonçalves and P. Quaresma. Evaluating preprocessing techniques in a text classification problem. In *XXV Congresso da Sociedade Brasileira de Computação*, pages 841–850, São Leopoldo, RS, Brasil, July 2005. SBC – Sociedade Brasileira de Computação. (pdf).
 - [89] Isa Alves, Rove Chishman, Paulo Quaresma, and José Saias. Busca e extração de informações através de pergunta e resposta: uma nova concepção na web. In *TIL – III Workshop em Tecnologias da Informação e da Linguagem Humana, XXV Congresso da Sociedade Brasileira de Computação*, pages 2218–2227, São Leopoldo, RS, Brasil, July 2005. SBC – Sociedade Brasileira de Computação. (pdf).
 - [90] Salvador Abreu, Paulo Quaresma, Luis Quintano, and Irene Rodrigues. A dialogue manager for accessing databases. In Yasushi Kiyoki, Eiji Kawaguchi, Hannu Jaakola, and Hannu Kangassalo, editors, *Information Modelling and Knowledge Bases XV*, volume 105, pages 210–219, Amsterdam, Netherlands, 2004. IOS Press. (pdf) (ps).

- [91] Teresa Gonçalves and Paulo Quaresma. Using ir techniques to improve automated text classification. In Farid Meziane and Elisabeth Metais, editors, *Natural Language Processing and Information Systems*, Lecture Notes on Computer Science 3136, pages 374–379, Salford, UK, June 2004. Springer-Verlag. (pdf) (ps).
- [92] Teresa Gonçalves and Paulo Quaresma. The impact of nlp techniques in the multilabel classification problem. In Slawomir T. Weirzchon Mieczyslaw A Klopotek and Krzysztof Trojanowski, editors, *Intelligent Information Processing and Web Mining 2004*, Advances in Soft Computing, pages 424–428, Zakopane, Poland, May 2004. Springer-Verlag. (pdf) (ps).
- [93] Nuno Graça and Paulo Quaresma. How to model legal reasoning using dynamic logic programming: a preliminary report. In Danièle Bourcier, editor, *JURIX'03 – The 16th Annual Conference on Legal Knowledge and Information Systems*, pages 163–172, Utrecht, Netherlands, December 2003. IOS Press. (pdf) (ps).
- [94] Teresa Gonçalves and Paulo Quaresma. A preliminary approach to the multilabel classification problem of portuguese juridical documents. In Fernando Moura-Pires and Salvador Abreu, editors, *Progress in Artificial Intelligence, 11th Portuguese Conference on Artificial Intelligence, EPIA 2003*, volume 2902 of *Lecture Notes in Computer Science*, pages 435–444, Beja, Portugal, December 2003. Springer. (pdf) (ps).
- [95] José Saias and Paulo Quaresma. A methodology to create ontology-based information retrieval systems. In Fernando Moura-Pires and Salvador Abreu, editors, *Progress in Artificial Intelligence, 11th Portuguese Conference on Artificial Intelligence, EPIA 2003*, volume 2902 of *Lecture Notes in Computer Science*, pages 424–434, Beja, Portugal, December 2003. Springer. (pdf) (ps).
- [96] Paulo Quaresma and Irene Pimenta Rodrigues. A natural language interface for information retrieval on semantic web documents. In E. Menasalvas, J. Segovia, and P. Szczepaniak, editors, *AWIC'2003 - Atlantic Web Intelligence Conference*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2663, pages 142–154, Madrid, Spain, May 2003. Springer-Verlag. (pdf) (ps).
- [97] Salvador Abreu, Paulo Quaresma, Luis Quintano, and Irene Rodrigues. A dialogue manager for accessing databases. In *13th European-Japanese Conference on Information Modelling and Knowledge Bases*, pages 213–224, Kitakyushu, Japan, June 2003. Kyushu Institute of Technology. (pdf) (ps).
- [98] Paulo Quaresma and Irene Pimenta Rodrigues. PGR: Portuguese attorney general's office decisions on the web. In Bartenstein, Geske, Hannebauer, and Yoshie, editors, *Web-Knowledge Management and Decision Support*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2543, pages 51–61. Springer-Verlag, 2003. (pdf) (ps).

- [99] Akira Ishikawa, Paulo Quaresma, and Rolf Schwitter. Knowledge acquisition and knowledge representation. In Bartenstein, Geske, Hannebauer, and Yoshie, editors, *Web-Knowledge Management and Decision Support*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2543, pages 69–71. Springer-Verlag, 2003.
- [100] Paulo Quaresma and Irene Pimenta Rodrigues. Using dialogues to access semantic knowledge in a web ir system. In N. Mamede, J. Baptista, and M. Volpe Nunes, editors, *Computational Processing of the Portuguese Language: 6th International Workshop, PROPOR'2003*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2721, pages 201–205. Springer-Verlag, June 2003. (pdf) (ps).
- [101] Rachel Aires, Sandra Aluísio, Paulo Quaresma, Diana Santos, and Mário Silva. An initial proposal for cooperative evaluation on information retrieval in portuguese. In N. Mamede, J. Baptista, and M. Volpe Nunes, editors, *Computational Processing of the Portuguese Language: 6th International Workshop, PROPOR'2003*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2721, pages 227–234. Springer-Verlag, June 2003. (pdf) (ps).
- [102] José Saias and Paulo Quaresma. Semantic enrichment of a web legal information retrieval system. In T. Bench-Capon, A. Daskalopulu, and R. Winkels, editors, *JURIX'2002 - Fifteenth Annual International Conference on Legal Knowledge and Information Systems*, volume 89 of *Frontiers in AI and Applications*, pages 11–20, London, UK, Dezember 2002. IOS Press. (pdf) (ps).
- [103] S. Abreu, P. Quaresma, L. Quintano, and I. Rodrigues. A natural language dialogue manager for accessing databases. In E. Ranchhod and Nuno Mamede, editors, *PortAL – Proceedings of the 3rd International Conference on Natural Language Processing*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2389, University of Algarve, Faro, Portugal, June 2002. Springer-Verlag. (pdf) (ps).
- [104] Paulo Quaresma and Irene Pimenta Rodrigues. Intelligent clustering as source of knowledge for a web dialogue manager in an information retrieval sustem. In P. Szczepaniak, J. Segovia, J. Kacprzyk, and L. Zadeh, editors, *Intelligent Exploration of the Web*, Studies in Fuzziness and Soft Computing, pages 166–180. Springer-Verlag, November 2002. ISBN 3-7908-1529-2. (pdf) (ps).
- [105] Paulo Quaresma and Irene Pimenta Rodrigues. An Interactive Graph Based Legal Information Retrieval System. In V. Matousek, P. Mautner, R. Moucek, and K. Tauser, editors, *Proceedings of the 4th International Conference on Text, Speech and Dialogue—TSD 2001*, Lecture Notes in Artificial Intelligence LNCS/LNAI 2166, Zelezná Ruda, Czech Republic, September 2001. Springer-Verlag. (pdf) (ps).
- [106] Paulo Quaresma and Irene Rodrigues. Using logic programming to model multi-agent web legal systems – an application report. In *Proceedings of the ICAIL'01 - International Conference on Artificial Intelligence and Law*, St. Louis, USA, May 2001. ACM. (pdf) (ps).

- [107] Paulo Quaresma and Irene Pimenta Rodrigues. A dialogue manager for a www-based information retrieval system. In H. Larsen, J. Kacprzyk, S. Zadrozny, T. Andreassen, and H. Christiansen, editors, *FQAS 2000: Fourth International Conference on Flexible Query Answering Systems*, Advances in Soft Computing, pages 592–601, Warsaw, Poland, October 2000. Physica-Verlag, Heidelberg, New York. (pdf) (ps).
- [108] J. J. Alferes, L. M. Pereira, H. Przymusinska, T. C. Przymusinski, and P. Quaresma. Dynamic knowledge representation and its applications. In S. Cerri and D. Dochev, editors, *Proceedings of the 9th International Conference on Artificial Intelligence - Methodology, Systems, Applications (AIMSA'2000)*, number 1904 in Lecture Notes in Artificial Intelligence, pages 1–10, Varna, Bulgaria, September 2000. Springer Verlag. (pdf) (ps).
- [109] Paulo Quaresma and Irene Pimenta Rodrigues. Cooperative Information Retrieval Dialogues through Clustering. In Petr Sojka, Ivan Kopeček, and Karel Pala, editors, *Proceedings of the Third International Workshop on Text, Speech and Dialogue—TSD 2000*, Lecture Notes in Artificial Intelligence LNCS/LNAI 1902, pages 415–420, Brno, Czech Republic, Sep 2000. Springer-Verlag. (pdf) (ps).
- [110] P. Quaresma and I. Rodrigues. A collaborative legal information retrieval system using dynamic logic programming. In *ICAIL'99 – International Conference on AI and Law'99*, pages 190–191, Oslo, Norway, 1999. ACM. Research paper. (pdf) (ps).
- [111] B. B. Garcia, J. G. P. Lopes, and P. Quaresma. Modelling credulity and skepticism through plausibility measures. In F. Moreira, editor, *Advances In Artificial Intelligence: 14th Brazilian Symposium on Artificial Intelligence - SBIA'98, Porto Alegre, Brazil, November 1998, Proceedings*, number 1515 in Lecture Notes in Artificial Intelligence, pages 171–180, Berlin, Germany, 1998. Springer Verlag. (pdf) (ps).
- [112] Paulo Quaresma and José Gabriel Lopes. Modeling agents in dialogue systems. In A. Jameson, C. Paris, and C. Tasso, editors, *6th International Conference on User Modeling, CISM Courses and Lectures*, volume 383, pages 101–103, Sardine, Italy, 1997. SpringerWienMewYork. Poster. (pdf) (ps).
- [113] Gabriel Lopes, Paulo Quaresma, and Irene Pimenta Rodrigues. Question/answer dialogues for interfacing a database with supreme court decisions. In *Proceedings of ICAIL'97 - International Conference on AI and Law - (poster)*, page 255. ACM, 1997. (pdf) (ps).
- [114] José Gabriel Lopes, Paulo Quaresma, and Irene Pimenta Rodrigues. A logic programming framework for question/answer dialogues. In *19th Annual Conference of the Cognitive Science Society (Short Paper)*, Stanford, USA, 1997. Cognitive Science Society. (pdf) (ps).
- [115] Paulo Quaresma and José Gabriel Lopes. A logic programming framework for the abductive inference of intentions in cooperative dialogues. In Frank Pfenning, editor, *5th Internatinal Conference on Logic Programming and Automated Reasoning*, number 822 in Lecture Notes in Artificial Intelligence, pages 189–199, Kiev, Ukraine, 1994. Springer Verlag. (pdf) (ps).

- [116] P. Quaresma and J. G. Lopes. A two-headed architecture for intelligent multimedia man-machine interaction. In *B. de Boulay and V. Sgurev (eds). Artificial Intelligence V - methodology, systems, applications*, Sofia, Bulgary, 1992. North Holland. (pdf) (ps).

1.5 Other conferences

- [117] Ida Rebelo-Arnold, Anabela Barreiro, and Paulo Quaresma. Ep–bp paraphrastic alignments of verbal constructions involving the clitic pronoun *lhe*. In *Proceedings of the 1st Workshop POP – Por Outras Palavras at the PROPOR’2018 – International Conference on the Computational Processing of Portuguese*, Canela, Brazil, 2018.
- [118] P. Quaresma P. Poudyal, T. Gonçalves. Using clustering techniques to identify arguments in legal documents. In *Proceedings of the Twelfth International Workshop on Juris-informatics*, JURISIN 2018, Yokohama, Japan, 2018.
- [119] P. Quaresma P. Poudyal, T. Gonçalves. An architecture for the automatic identification of arguments in legal documents. In *Proceedings of the 2nd International Workshop on Methodologies for Research on Legal Argumentation (MET-ARG)*, MET-ARG 2018, Warsaw, Poland, 2018.
- [120] Maria José Finatto, Paulo Quaresma, and Maria Filomena Gonçalves. Portuguese corpora of the 18th century: old medicine texts for teaching and research. In Darja Fiser and Andrej Pancur, editors, *Proceedings of the Conference on Language Technologies and Digital Humanities*, Ljubljana, Slovenia, September 20-21, 2018.
- [121] Kashyap Raiyani, Teresa Gonçalves, Paulo Quaresma, and Vítor Beires Nogueira. Multi-language neural network model with advance preprocessor for gender classification over social media: Notebook for pan at clef 2018. In *Working Notes of CLEF 2018 - Conference and Labs of the Evaluation Forum*, Avignon, France, September 10-14, 2018.
- [122] Kashyap Raiyani, Teresa Gonçalves, Paulo Quaresma, and Vitor Beires Nogueira. Fully connected neural network with advance preprocessor to identify aggression over facebook and twitter. In *Proceedings of the First Workshop on Trolling, Aggression and Cyberbullying (TRAC-2018)*, pages 28–41. Association for Computational Linguistics, 2018.
- [123] Madhulika Agrawal, Teresa Gonçalves, and Paulo Quaresma. A hybrid approach for cold start recommendations. In *Proceedings of the SKIMA – Software, Knowledge, Information Management and Applications Conference*, Colombo, Sri Lanka. IEEE, December 2017.
- [124] Gonçalo Carnaz, Roy Bayot, Vítor Nogueira, Teresa Gonçalves, and Paulo Quaresma. Extracting and representing entities from open sources of information in the agatha project. In *Proceedings of INAP’2017 – 21st International Conference on Applications of Declarative Programming and Knowledge Management*. University of Wurzburg, September 2017.

- [125] Anh Hang Nga Tran, Hiroko Kobayashi, Yu Sawai, and Paulo Quaresma. UE and Nikon at the NTCIR-13 medweb task. In Noriko Kando, Sumio Fujita, Makoto Kato, and Tomohito Manabe, editors, *Proceedings of the 13th NTCIR Conference on Evaluation of Information Access Technologies, National Center of Sciences, Tokyo, Japan, December 5-8, 2017*. National Institute of Informatics (NII), 2017.
- [126] Evandro Brasil da Fonseca, Vinicius Sesti, Sandra Collovini, Renata Vieira, Ana Luisa Leal, and Paulo Quaresma. Collective elaboration of a coreference annotated corpus for portuguese texts. In *Proceedings of the Second Workshop on Evaluation of Human Language Technologies for Iberian Languages (IberEval 2017) co-located with 33th Conference of the Spanish Society for Natural Language Processing (SEPLN 2017), Murcia, Spain, September 19, 2017*, pages 68–82, 2017.
- [127] Amália Mendes, Sandra Antunes, and Paulo Quaresma. The annotation coreference task at ibereval’2017: The experience of CLUL/UE. In *Proceedings of the Second Workshop on Evaluation of Human Language Technologies for Iberian Languages (IberEval 2017) co-located with 33th Conference of the Spanish Society for Natural Language Processing (SEPLN 2017), Murcia, Spain, September 19, 2017*, pages 83–91, 2017.
- [128] Paulo Quaresma and Nga Tran Anh Hang. UE-UD at NTCIR-12 mednlpdoc task. In Noriko Kando, Tetsuya Sakai, and Mark Sanderson, editors, *Proceedings of the 12th NTCIR Conference on Evaluation of Information Access Technologies, National Center of Sciences, Tokyo, Japan, June 7-10, 2016*. National Institute of Informatics (NII), 2016.
- [129] Lúgia Duarte, Fernanda Olvial, and Paulo Quaresma. Extracção de relações complexas: uma ontologia do parentesco para fontes setecentistas. In *Congresso de Humanidades Digitais em Portugal*, 2015.
- [130] Maria Filomena Gonçalves, Filipa Medeiros, Maria Armanda Salgado, Paulo Quaresma, Ana Paula Banza, Francisco Vaz, and Dália Guerreiro. Rede de colecções patrimoniais das bibliotecas do alentejo: património textual e humanidades digitais. In *Congresso de Humanidades Digitais em Portugal*, 2015.
- [131] Lúgia Duarte, Fernanda Olvial, and Paulo Quaresma. O parentesco nas gazetas manuscritas (1729–1740). a língua e o contexto histórico na extracção semiautomática de relações complexas. In *International and Interdisciplinary Conference of AHLiST – Association of History, Literature, Science and Technology*, 2015.
- [132] Paula Saraiva and Paulo Quaresma. Bibliotecas universitárias: tendências, modelos e competências. In *Proceedings of the 12º Congresso de Bibliotecários, Arquivistas e Documentalistas*, 2015.
- [133] Francisco Guimarães, Carlos Caldeira, and Paulo Quaresma. Implementação de metadados como ontologias. In *Proceedings of CISTI’2015 – 10ª Conferência Ibérica de Sistemas e Tecnologias de Informação*, 2015.

- [134] Francisco Guimarães, Carlos Caldeira, and Paulo Quaresma. Auditoria de informação baseada em ontologias. In *Proceedings of CISTI'2015 – 10ª Conferência Ibérica de Sistemas e Tecnologias de Informação*, 2015.
- [135] Leila Weitzel, Raisia Costa, Rogério Pimentel, and Paulo Quaresma. Recuperación de objetos de aprendizaje accesibles. In *Proceedings of LACLO'2015 – Décima Conferencia Latinoamericana de Objetos y Tecnologías de Aprendizaje*, volume 6, pages 1–10. 2015.
- [136] Teresa Gonçalves and Paulo Quaresma. Computational tools for the representation of discourse structures at the University of Évora. In *First TextLink Action Conference (poster presentation)*, Louvain-la-Neuve, 26-28 January 2015.
- [137] Swarnendu Ghosh, Nibaran Das, Teresa Gonçalves, and Paulo Quaresma. JU-Evora: A Graph Based Cross-Level Semantic Similarity Analysis using Discourse Information. In *SemEval 2014 – 8th International Workshop on Semantic Evaluation*, pages 375–379, 2014.
- [138] Paulo Quaresma, Amália Mendes, Iris Hendrickx, and Teresa Gonçalves. Automatic tagging of modality: identifying triggers and modal values. In Harry Bunt, editor, *10th Joint ISO - ACL SIGSEM Workshop on Interoperable Semantic Annotation, Ninth International Conference on Language Resources and Evaluation – LREC'14*, pages 95–101, Reykjavik, Iceland, May 2014.
- [139] Moinul Mohammad Hoque, Teresa Goncalves, and Paulo Quaresma. Classifying questions in question answering system using finite state machines with a simple learning approach. In *Proceedings of the 27th Pacific Asia Conference on Language, Information, and Computation (PACLIC 27)*, pages 409–414. Department of English, National Chengchi University, 2013.
- [140] Leila Weitzel, Paulo Quaresma, Armanda Ribeiro, Michael Kevin, Priscilla Silva, Dilecielly Almeida Ribeiro, Raisia Brito, and Rogério Pimentel. Grupo de pesquisa em modelagem computacional unifesspa. In *Proceedings of the "II Congresso Brasileiro de Informática na Educação*, page 330, Campinas, S. Paulo, Brazil, November 2013.
- [141] J. R. Marques da Silva, Lourdes Bugalho, Adélia Sousa, Luis Pessanha, and Paulo Quaresma. Cálculo de un índice de humedad relativa del aire, considerando la resiliencia térmica horaria de la temperatura lst, obtenida por imágenes de satélite. In *Proceedings of the XV Congreso de la Asociación Española de Teledetección (AET)*, Madrid, Spain, October 2013.
- [142] J. R. Marques da Silva, Lourdes Bugalho, Adélia Sousa, Luis Pessanha, and Paulo Quaresma. Cálculo de um índice de humidade relativa do ar, considerando a resiliência térmica horária da temperatura lst, obtida por imagens de satélite. In *Proceedings of the 8º Simpósio de Meteorologia e Geofísica da APMG*, Mafra, Portugal, 2013.
- [143] Marília Santos, Jose Saias, and Paulo Quaresma. An approach to the main task of qa4mre-2013. In Pamela Forner, Roberto Navigli, and Dan Tufis, editors, *CLEF 2013 Evaluation*

Labs and Workshop Online Working Notes - Question Answering for Machine Reading Evaluation (QA4MRE), Valencia, Spain, September 2013. ISBN 978-88-904810-5-5.

- [144] Paulo Quaresma. Reorganização da oferta formativa da escola de ciências e tecnologia da universidade de Évora. In *Proceedings of the "2ª Conferência do Fórum da Gestão do Ensino Superior nos Países e Regiões de Língua Portuguesa"*, pages 31–32, Macau, November 2012. FORGES. (pdf).
- [145] Paulo Quaresma. Legal information extraction ← machine learning algorithms + linguistic information. In *Proceedings of the 4th Workshop on "Semantic Processing of Legal Texts" (SPLeT) at the LREC – International Conference on Language Resources and Evaluation*, Istambul, Turkey, May 2012. (pdf).
- [146] José Saias and Paulo Quaresma. Di@ue in clef2012: Question answering approach to the multiple choice qa4mre challenge. In Pamela Forner, Jussi Karlgren, and Christa Womser-Hacker, editors, *CLEF (Online Working Notes/Labs/Workshop)*, 2012. (pdf).
- [147] Paulo Quaresma. A utilização de informação linguística em abordagens baseadas em aprendizagem automática para o processo de tradução. In R. Teixeira e Silva, Q. Yan, M. A. Espadinha, and A. Leal, editors, *III SIMELP – Simpósio Mundial de Estudos de Língua Portuguesa – A formação de novas gerações de falantes de português no mundo*, Macau, China, September 2011. University of Macau. ISBN:978-99965-1-035-9. (pdf).
- [148] Ana Luísa Leal, Paulo Quaresma, and Luís Rodrigues. Autema-dis: uma arquitectura computacional para identificação da temática discursiva em textos em língua portuguesa. In *Proceedings of III Workshop "A RST e os Estudos do Texto" of the 8th Brazilian Symposium in Information and Human Language Technology - STIL2011*, Mato Grosso, Brasil, 2011. (pdf).
- [149] L. Weitzel, P. Quaresma, and J. O. Palazzo. Measuring node importance: a multi-criteria approach. In *IADIS International Conference WWW/INTERNET 2011*, Rio de Janeiro, Brazil, November 2011. (pdf).
- [150] José Saias and Paulo Quaresma. The di@ue's participation in qa4mre: from qa to multiple choice challenge. In Vivien Petras, Pamela Forner, and Paul D. Clough, editors, *CLEF 2011 Labs and Workshop: Notebook Papers*, Amsterdam, The Netherlands, 2011. ISBN: 978-88-904810-1-7, (pdf).
- [151] Cássia Trojahn dos Santos, Paulo Quaresma, and Renata Vieira. Multi-lingual ontology matching: A case study for portuguese, english, and french. Technical report, 2010. Demo paper.
- [152] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, José Saias, Teresa Gonçalves, and Paulo Quaresma. Standardisation of hotel descriptions. In *Text Mining and Applications – Workshop of the 14th Portuguese Conference on Artificial Intelligence*, Aveiro, Portugal, September 2009. (pdf).

- [153] Cássia Trojahn, Paulo Quaresma, Renata Vieira, and Antoine Isaac. Comparing argumentation frameworks for composite ontology matching. In *Sixth International Workshop on Argumentation in MultiAgents Systems – International Conference on Autonomous Agents and Multiagent Systems (ArgMas-AAMAS)*, pages 1–16, Budapest, Hungary, May 2009. (pdf).
- [154] José Saias and Paulo Quaresma. The senso question answering approach to portuguese qa@clef-2008. In *Proceedings of CLEF – Cross Language Evaluation Forum*, Aarhus, Denmark, September 2008. (pdf).
- [155] Antoine Isaac, Cássia Trojahn, Shenghui Wang, and Paulo Quaresma. Using quantitative aspects of alignment generation for argumentation on mappings. In *3rd International Workshop on Ontology Matching*, pages 1–12, Karlsruhe, Germany, October 2008. (pdf).
- [156] Ana Luisa Leal and Paulo Quaresma. Desenvolvimento e integração de recursos para pesquisa de informação – um processo interdisciplinar e interinstitucional. In Cristina Sarmiento, editor, *XVI Encontro da Associação das Universidades de Língua Portuguesa*, pages 99–108, Macau, China, Fevereiro 2008. Associação das Universidades de Língua Portuguesa. (pdf).
- [157] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. A framework for multilingual ontology mapping. In *6th Edition of the Language Resources and Evaluation Conference*, Marrakech, Marrocos, May 2008. (pdf).
- [158] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. An argumentation framework based on strength for ontology mapping. In *Fifth International Workshop on Argumentation in MultiAgents Systems – International Conference on Autonomous Agents and Multiagent Systems (ArgMas-AAMAS)*, pages 1–16, Estoril, Portugal, May 2008. (pdf).
- [159] Cássia Trojahn, Paulo Quaresma, and Renata Vieira. Ontology mapping for a legal question answering system. In *Jurix 2007 Workshop on Multimedia Ontologies and Artificial Intelligence Techniques in Law*. IOS Press, 2007. (pdf).
- [160] José Saias and Paulo Quaresma. The senso question answering approach to portuguese qa@clef-2007. In *Proceedings of CLEF – Cross Language Evaluation Forum*, Budapest, Hungary, September 2007. ISSN: 1818-8044, ISBN: 2-912335-32-9, (pdf).
- [161] Sandra Cosme and Paulo Quaresma. A contribution to improve the children’s catalogue of the public library. In *Proceedings of XIII Encuentros Internacionales sobre Sistemas de Información y Documentación*, pages 1–11, Zaragoza, Spain, October 2007. (pdf).
- [162] Anderson Bertoldi, Rove Chishman, and Paulo Quaresma. A representação da semântica dos adjetivos em ontologias jurídicas: informação importante ou secundária? In *Proceedings of TIL – 5th Workshop em Tecnologia da Informação e da Linguagem Humana*, pages 1–11, Rio de Janeiro, Brasil, July 2007. SBC - Sociedade Brasileira de Computação. (pdf).

- [163] Cássia Santos, Paulo Quaresma, and Renata Vieira. Using an extended argumentation framework based on confidence degrees for legal ontology mapping. In *Proceedings of the Workshop on Semantic Web Technology for Law at the ICAIL'07 - International Conference on Artificial Intelligence and Law*, pages 41–46, Stanford, USA, June 2007. <http://www.cs.vu.nl/~mcaklein/SW4Law/>. (pdf).
- [164] Cássia Trojahn, Márcia Moraes, Paulo Quaresma, and Renata Vieira. Using cooperative agent negotiation for ontology mapping. In Andrea Omicini, Barbara Dunin-Keplicz, and Julian Padget, editors, *Proceedings of the 4th European Workshop on Multi-Agent Systems, Lisbon, Portugal*, pages 14–15. Faculdade de Ciências da Universidade de Lisboa, 2006. (pdf).
- [165] Charalampos Bratsas, Evabgelos Kaimakamis, Panagiotis Bamidis, Paulo Quaresma, and Nicos Maglaveras. Semi automatic ontology based knowledge extractions and search for medical algorithms from web documents. In Gunther Eysenback, editor, *Proceedings of MedNet – 11th World Congress on the Internet in Medicine, Toronto, Canada*, pages 25–25, 2006. (pdf).
- [166] Paulo Quaresma José Saias. Ontology supported news reader and question-answer system: a proposal. In Solange Oliveira Rezende and Antonio Carlos Roque da Silva Filho, editors, *2nd Workshop on Ontologies and their Applications (WONTO'06) in the Proceedings of International Joint Conference, 10th Ibero-American Artificial Intelligence Conference, 18th Brazilian Artificial Intelligence Symposium, 9th Brazilian Neural Networks Symposium, IBERAMIA-SBIA-SBRN, Ribeirão Preto, Brazil, October 23-28, 2006*, pages 1–12. ICMC-USP, 2006. (pdf).
- [167] C. Prolo, P. Quaresma, I. Rodrigues, P. Salgueiro, and R. Vieira. A question-answering system for portuguese. In Farah Benamara, Marie-Francine Moens, and Patrick Saint-Dizier, editors, *Proceedings of the Workshop on Knowledge and Reasoning for Answering Questions of the International Joint Conference on Artificial Intelligence*, pages 45–48, Edinburgh, Scotland, July 2005. Edinburgh University. (pdf).
- [168] C. Bratsas, P. Bamidis, P. Quaresma, G. Pangalos, and N. Maglaveras. Knowledge management for medical computational problem solving: an ontological approach. In M. Kon-Popovska and K. Zdravkova, editors, *2nd Balkan Conference in Informatics*, pages 316–326, Ohrid, Macedonia, 2005. (pdf).
- [169] Paulo Quaresma and Irene Rodrigues. A logic programming-based approach to qa@clef-2005. In Carol Peters, editor, *Question-Answering Track of the Cross Language Evaluation Forum*, Vienna, Austria, September 2005. CLEF – http://www.clef-campaign.org/2005/working_notes/CLEF2005WN-Contents.html. (pdf).
- [170] P. Curtoni, L. Dini, V. Di Tomaso, L. Mommers, W. Peters, P. Quaresma, E. Schweighofer, and D. Tiscornia. Semantic access to multilingual legal information. In E. Schweighofer,

- editor, *Proceedings of EU INFO Workshop "Free EU Information on the Web: The Future beyond the new EUR-Lex" of JURIX 2005 – The 18th Annual Conference on Legal Knowledge and Information Systems*, pages 1–11, Brussels, Belgique, December 2005. Vrije Universiteit Brussels. (pdf).
- [171] Ana Aires, Jorge Coelho, Sandra Collovini, Paulo Quaresma, and Renata Vieira. Avaliação de centering em resolução pronominal da língua portuguesa. In *5th International Workshop on Linguistically Interpreted Corpora of the Iberamia'2004*, Puebla, México, November 2004. (pdf) (ps).
- [172] Luiz Pizzato, Paulo Quaresma, and Vera Lima. Intrinsic and extrinsic evaluation of thesaurus-based query expansion technique. In *2004 IEEE/WIC/ACM International Conference on Web Intelligence (demo and poster)*, Beijing, China, September 2004.
- [173] Cassiana Silva, Renata Vieira, Fernando Osório, and Paulo Quaresma. Mining linguistically interpreted texts. In *5th International Workshop on Linguistically Interpreted Corpora of the Computational Linguistic International Conference (COLING'2004)*, Geneve, Switzerland, August 2004. Coling. (pdf) (ps).
- [174] Paulo Quaresma, Luis Quintano, Irene Rodrigues, and Pedro Salgueiro. The university of Évora approach to qa@clef-2004. In Carol Peters and Francesca Borri, editors, *Question-Answering Track of the Cross Language Evaluation Forum*, pages 403–412, Bath, UK, 2004. Istituto di Scienza e Tecnologie dell'Informazione, Consiglio Nazionale delle Ricerche, ISTI-CNR, Italy. (pdf) (ps).
- [175] Ch. Bratsas, P. Quaresma, G. Pangalos, and N. Maglaveras. Using ontologies to build a knowledge base of cardiology problems and algorithms. In *31st annual meeting of Computers in Cardiology*, Chicago, USA, September 2004. (pdf) (ps).
- [176] Ch. Bratsas, N. Maglaveras, and P. Quaresma. A framework to describe problems and algorithms in medical informatics via ontologies. In *4th European Symposium on Biomedical Engineering*, Patras, Greece, June 2004. University of Patras. (pdf) (ps).
- [177] Paulo Quaresma and Irene Rodrigues. Using dialogues to access semantic knowledge in a web legal IR system. In Marie-Francine Moens, editor, *Procs. of the Workshop on Question Answering for Interrogating Legal Documents of JURIX'03 – The 16th Annual Conference on Legal Knowledge and Information Systems*, Utrecht, Netherlands, December 2003. Utrecht University. (pdf) (ps).
- [178] Nuno Graça and Paulo Quaresma. Using dynamic logic programming to model legal reasoning. In Francesco Buccafurri, editor, *Procs. of the 2003 APPIA-GULP-PRODE Joint Conference on Declarative Programming (AGP'2003)*, pages 217–225, Reggio Calabria, Italy, September 2003. Università "Mediterranea" di Reggio Calabria. (pdf) (ps).
- [179] José Saias and Paulo Quaresma. Using nlp techniques to create legal ontologies in a logic programming based web information retrieval system. In J. Breuker, A. Gangemi,

- D. Tiscornia, and R. Winkels, editors, *Workshop on Legal Ontologies and Web based Legal Information Management of the International Conference on Artificial Intelligence and Law, ICAIL'03*, June 2003. (pdf) (ps).
- [180] Caroline Gasperin, Renata Vieira, Rodrigo Goulart, and Paulo Quaresma. Extracting xml syntactic chunks from portuguese corpora. In *TALN'2003 - Workshop on Natural Language Processing of Minority Languages and Small Languages of the Conference on "Traitement Automatique des Langues Naturelles"*, Batz-sur-Mer, France, June 2003. (pdf) (ps).
- [181] Paulo Quaresma and Irene Pimenta Rodrigues. A dialogue manager for semantic web documents. In *ICON'2002 - International Conference on Natural Language Processing*, Bombaim, India, Dezember 2002. (pdf) (ps).
- [182] P. Gamallo, A. Agustini, P. Quaresma, and G. Lopes. Using semantic word classes in text information retrieval systems. In S. Pinto, editor, *SBIE'2002 – XII Simpósio Brasileiro de Informática na Educação, Workshop de Ontologias*, pages 593–597, Porto Alegre, Brasil, 2002. Unisinos. ISBN 85-7431-133-2. (pdf) (ps).
- [183] J. Saias and Paulo Quaresma. Construção automática de ontologias e sua utilização em sistemas de recuperação de informação em texto. In S. Pinto, editor, *SBIE'2002 – XII Simpósio Brasileiro de Informática na Educação, Workshop de Ontologias*, pages 605–607, Porto Alegre, Brasil, 2002. Unisinos. ISBN 85-7431-133-2. (pdf) (ps).
- [184] Paulo Quaresma and Irene Pimenta Rodrigues. PGR: Portuguese attorney general's office decisions on the web. In Osamu Yoshie, editor, *Proceedings of the 14th International Conference on Applications of Prolog*, University of Tokyo, Tokyo, Japan, October 2001. REN Associates, Inc. ISSN 1345-0980. (pdf) (ps).
- [185] J. J. Alferes, L. M. Pereira, H. Przymusinska, T. C. Przymusinski, and P. Quaresma. An exercise with dynamic logic programming. In L. Garcia and M. C. Meo, editors, *Procs. of the 2000 APPIA-GULP-PRODE Joint Conference on Declarative Programming (AGP'2000)*, La Habana, Cuba, December 2000. (pdf) (ps).
- [186] Paulo Quaresma and Irene Pimenta Rodrigues. A logic programming agent for controlling distributed web dialogues. In Osamu Yoshie, editor, *INAP'2000 - The 13th International Conference on Applications of Prolog*, pages 46–53, Tokyo, Japan, October 2000. Ren Associates Inc. ISSN 1345-0980. (pdf) (ps).
- [187] Paulo Quaresma and Irene Pimenta Rodrigues. Using knowledge to model cooperative information retrieval dialogues. In Y. Wilks and G. Callaghan, editors, *Proceedings of the 3rd International Workshop on Human-Computer Conversation*, pages 142–147, Bellagio, Italy, July 2000. Dep. of Computer Science, University of Sheffield, UK. (pdf) (ps).
- [188] J. J. Alferes, J. A. Leite, L. M. Pereira, and P. Quaresma. Planning as abductive updating. In D. Kitchin, editor, *Proceedings of the AISB'00 Symposium on Ai Planning and Intelligent Agents*, pages 1–8, Birmingham, UK, September 2000. AISB. (pdf) (ps).

- [189] Paulo Quaresma and Irene Pimenta Rodrigues. Automatic classification and intelligent clustering for www information retrieval systems. In J. Moreton, editor, *In BILETA'2000 – 15th Annual BILETA (British and Irish Legal Education Technology Association)*, In section 4, *Legal Information*, 10 pages, Coventry, UK, April 2000. University of Warwick, UK. (pdf) (ps).
- [190] Paulo Quaresma and Irene Pimenta Rodrigues. An information retrieval system with co-operative behaviour. In Torbjorn Nordgard, editor, *NODALIDA – Proceedings from the 12th Nordiske datalingvistikkdager*, pages 183–190, Trondheim, Norway, 2000. Dep. of Linguistics, Norwegian University of Science and Technology. (pdf) (ps).
- [191] P. Quaresma and I. Rodrigues. Using dynamic logic programming to model cooperative dialogues. In Fawzi Daoud, editor, *AAAI'99 Fall Symposium on Modal and Temporal Logics based Planning for Open Networked Multimedia Systems*, pages 85–91, Cape Cod, USA, November 1999. (pdf) (ps).
- [192] P. Quaresma, I. Rodrigues, G. Lopes, T. Almeida, Elsa Garcia, and A. Lima. Um sistema de pesquisa de informação para bases de texto em português. In Paulo Quaresma and Irene Rodrigues, editors, *PROPOR'99 - IV Encontro para o Processamento Computacional da Língua Portuguesa Escrita e Falada*, pages 209–218, Evora, Portugal, October 1999. (pdf) (ps).
- [193] P. Quaresma and I. Rodrigues. PGR: A cooperative legal ir system on the web. In Graham Greenleaf and Andrew Mowbray, editors, *2nd AustLII Conference on Law and Internet*, Sydney, Australia, 1999. Invited paper (10 pages). (pdf) (ps).
- [194] P. Quaresma and I. Rodrigues. A logic programming framework for cooperative information retrieval. In *ISAS'99 – 5th International Conference on Information System Analysis and Synthesis*, Orlando, USA, 1999. (pdf) (ps).
- [195] J. J. Alferes, L. M. Pereira, H. Przymusinska, T. C. Przymusinski, and P. Quaresma. Preliminary exploration on actions as updates. In M. C. Meo and M. Vilares-Ferro, editors, *Procs. of the 1999 Joint Conference on Declarative Programming (AGP'99)*, pages 259–271, L'Aquila, Italy, September 1999. (pdf) (ps).
- [196] P. Quaresma, I. Rodrigues, G. Lopes, T. Almeida, E. Garcia, and A. Lima. PGR project: The portuguese attorney general decisions on the web. In C. Ciampi and E. Marinai, editors, *Proceedings of The Law in the Information Society*, Florence, Italy, December 1998. Istituto per la documentazione giuridica del CNR. (pdf) (ps).
- [197] Paulo Quaresma and Irene Rodrigues. Keeping context in web interfaces to legal text databases. In C. Roquilly, editor, *Proceedings of the 2nd French-American Conference on AI and LAW*, Nice, France, June 1998. EDHEC. (pdf) (ps).

- [198] Luis Moniz Pereira and Paulo Quaresma. Modelling agent interaction in logic programming. In Osamu Yoshie, editor, *INAP'98 - The 11th International Conference on Applications of Prolog*, pages 150–156, Tokyo, Japan, September 1998. Science University of Tokyo. (pdf) (ps).
- [199] Paulo Quaresma and José Gabriel Lopes. Modeling credulousness and cooperativeness in a logic programming framework. In Kristiina Jokinen, editor, *IJCAI'97 Workshop on Collaboration, Cooperation and Conflict in Dialogue Systems*, pages 67–72, Nagoya, Japan, 1997. (pdf) (ps).
- [200] José Gabriel Lopes, Paulo Quaresma, and Irene Pimenta Rodrigues. A dialog system for controlling question/answer dialogues. In *Dialogue'97 - Computational Linguistics and its Applications*, Moscow, Russia, 1997. (pdf) (ps).
- [201] Paulo Quaresma and José Gabriel Lopes. Updating and revising the agents mental state in dialogues. In T. Benz and G. Jaeger, editors, *MunDial'97 - Munich Workshop on Formal Semantics and Pragmatics of Dialogue*, pages 28–29, Munich, Germany, 1997. (pdf) (ps).
- [202] Paulo Quaresma and José Gabriel Lopes. A logic programming framework for the abduction of events in a dialogue system. In *Workshop on Automated Reasoning*, Manchester, UK, 1997. (pdf) (ps).
- [203] P. Quaresma and J. G. Lopes. Abduction of plans and intentions in dialogues. In P. Codognet, P. M. Dung, and A. C. Kakas, editors, *Proceedings of the Workshop on Abductive Reasoning, International Conference on Logic Programming*, Budapest, Hungary, 1993. (pdf) (ps).
- [204] P. Quaresma and J. G. Lopes. Abductive inference of plans and intentions in information-seeking dialogues. In R. Baeza-Yates, editor, *Proceedings of the XIII International Conference of the Chilean Computer Science Society*, pages 385–395, La Serena, Chile, 1993. (pdf) (ps).
- [205] P. Quaresma and J. G. Lopes. Reconhecimento de intenções para uma interacção robusta com bases de conhecimento médicas. In I. Trancoso, A. Serralheiro, J. Gabriel Lopes, and Maria do Céu Viana, editors, *EPLP'93 - Encontro Português da Língua Portuguesa*, Lisbon, Portugal, 1993. (pdf) (ps).
- [206] P. Quaresma and J. G. Lopes. Abdução de planos e intenções em diálogos. In R. Vicari, editor, *Actas do X Simpósio Brasileiro de Inteligência Artificial*, pages 377–388, Porto Alegre, Brasil, 1993. (pdf) (ps).
- [207] P. Quaresma and J. G. Lopes. Graph widget: A tool for automatic data visualization”. In *Second Great Lakes Computer Science Conference*, Kalamazoo, USA, 1991. (pdf) (ps).
- [208] P. Quaresma and J. G. Lopes. Automatização do desenho de grafos e sua aplicação em inteligência artificial. In *Actas do 8º Simposium Brasileiro de Inteligência Artificial*, Brasília, Brasil, 1991. (pdf) (ps).

1.6 Editions

- [209] Norbert Fuhr, Paulo Quaresma, Teresa Gonçalves, Birger Larsen, Krisztian Balog, Craig Macdonald, Linda Cappellato, and Nicola Ferro, editors. *Experimental IR Meets Multilinguality, Multimodality, and Interaction - 7th International Conference of the CLEF Association, CLEF 2016, Évora, Portugal, September 5-8, 2016, Proceedings*, volume 9822 of *Lecture Notes in Computer Science*. Springer, 2016.
- [210] João Ricardo Silva, Ricardo Ribeiro, Paulo Quaresma, André Adami, and António Branco, editors. *Computational Processing of the Portuguese Language - 12th International Conference, PROPOR 2016, Tomar, Portugal, July 13-15, 2016, Proceedings*, volume 9727 of *Lecture Notes in Computer Science*. Springer, 2016.
- [211] A. Teixeira, V. Lima, C. Oliveira, and P. Quaresma, editors. *Computational Processing of the Portuguese Language, Propor 2008, Aveiro, Portugal, September 8-10, 2008, Proceedings*, volume 5190 of *Lecture Notes in Computer Science*. Springer, 2008.
- [212] R. Vieira, P. Quaresma, M. G. V. Nunes, N. Mamede, C. Oliveira, and M. C. Dias, editors. *Computational Processing of the Portuguese Language, Propor 2006, Itatiaia, Brasil, May 13-17, 2006, Proceedings*, volume 3960 of *Lecture Notes in Computer Science*. Springer, 2006.
- [213] Paulo Quaresma and Irene Pimenta Rodrigues, editors. *Actas do PROPOR'99 - IV Encontro para o Processamento Computacional da Língua Portuguesa Escrita e Falada*. Universidade de Évora, Évora, Portugal, 1999.
- [214] Luís Moniz Pereira and Paulo Quaresma, editors. *Proceedings of AGP'2001 – AP-PIA/GULP/PRODE Joint Conference on Declarative Programming*, Évora, Portugal, September 2001. Universidade de Évora.