

Curriculum Vitæ

January, 2019



Name: Paulo Miguel Torres Duarte Quaresma
Address: Universidade de Évora,
Largo dos Colegiais, 2
7000 Évora, Portugal
Phone: +351 266 745 300 (University of Évora)
e-mail: pq@uevora.pt

Contents

1	Academic Qualifications	3
2	Professional status	3
3	Visiting Professor	4
4	Concluded PhD and MSc Supervisions	4
5	Scientific activity	8
5.1	Research and development project coordination	8
5.2	Scientific Events	10
6	Pedagogical Activity	20
7	Publications	22
7.1	Thesis	22
7.2	International Journals	22
7.3	Chapter book or collection	24
7.4	Internationally available conference proceedings	26
7.5	Conference proceedings	37
7.6	Proceedings editor	49

1 Academic Qualifications

- "Agregação" in Informatics by the University of Évora in May, 2010.
- PhD in Informatics by the New University of Lisbon in July, 1997.
- BSc (Licenciatura – 5 years degree) in Informatics Engineering by the Sciences and Technology Faculty of the New University of Lisbon, with a grade of 18 (out of 20), 1990.

2 Professional status

- Associated Professor at the Department of Informatics of the University of Évora since 2002.
- Vice-Rector for Research and Development, Innovation and Technology Transfer of the University of Évora, from May 2014 to May 2018.
- President of the Science and Technology Park of Alentejo, from May 2014 to May 2018.
- President of the Science and Technology Network of Alentejo, from May 2014 to May 2018.
- Researcher at LISP – Laboratory of Informatics, Systems and Parallelism of the University of Évora, since December 2016.
- Researcher at NOVA LINCS – Laboratory of Informatics and Computer Science of the New University of Lisbon, since January 2018.
- Associated Researcher at L2F – Spoken Language Systems Lab of INESC-ID ("Instituto de Engenharia de Sistemas e Computadores, Investigação e Desenvolvimento em Lisboa") since July 2013, <http://www.l2f.inesc-id.pt>.
- Associated Researcher at CIDEHUS – Interdisciplinary Centre for History, Culture and Societies of the University of Évora, since January 2018.
- Researcher and member of the Direction of CITI - Information Technology Center of the Universidade de Évora, since 2006. <http://www.citi.uevora.pt>.
- Researcher at CENTRIA – Artificial Intelligence Centre of New University of Lisbon, 1997-2013. <http://centria.di.fct.unl.pt>.

- Director of the Informatics PhD program of the University of Évora since June 2018.
- Member of Commission of the Informatics Engineering MSc program of the University of Évora since October 2002.
- Member of the Scientific Council of the University of Évora since 2009.
- Member of the Scientific Council of the School of Sciences and Technology of the University of Évora since 2009.
- Director of the Sciences and Technology School of the University of Évora from January, 2009 to January, 2013.

3 Visiting Professor

- **City University of Macao** Distinguished Guest Professor at the City University of Macao since October 2018.
- **PUCRS, Porto Alegre, Brasil** Visiting Professor at PUCRS – Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brasil, September, 2017.
- **IRIT, Toulouse** Visiting Professor at the University Toulouse 2 Le Mirail, France, June, 2014.
- **University of Macao** Visiting Fellow at the University of Macao, from October to December 2013.

4 Concluded PhD and MSc Supervisions

- PhD. Automatic Extraction and Structure of Arguments in Legal Documents. Prakash Poudyal. Informatics, Universidade de Évora, December, 2018.
- PhD (co-supervisor). Enterprise intelligence: semantic web applied to metadata and business architectures. Francisco Guimarães, Informatics, Universidade de Évora, June, 2018.
- PhD (co-supervisor). Contribution to the study of the punctuation: analysis of a Portuguese and Brazilian journalistic corpus. Cristina Nunes, Linguistics, Universidade de Évora, 2015.

- PhD. Physical and Virtual Libraries: space, services, and competences in University Libraries of the XXI century. Paula Saraiva, Information and Documentation Sciences, Universidade de Évora, 2013.
- PhD (co-supervisor), Social networks analysis for estimation of the reputation of the health information sources / Abordagem baseada na Análise de Redes Sociais para estimativa da reputação de fontes de informação em saúde”, Leila Weitzel, Informatics, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil, 2013.
- PhD. Contextualization and Semantic Activation in Question-Answering Systems/Contextualização e Activação Semântica na Selecção de Resultados em Sistemas de Pergunta-Resposta, José Saias, Informatics, Universidade de Évora, 2010.
- PhD. A Cooperative Approach for Composite Ontology Matching, Cássia Santos, Informatics, Universidade de Évora, 2009.
- PhD. AuTema-Dis: a computational architecture for the identification of the discursive thematic in Portuguese texts/AuTema-Dis: uma arquitectura computacional para identificação da temática discursiva em textos em Língua Portuguesa, Ana Luísa Leal, Informatics, Universidade de Évora, 2009.
- PhD. Using linguistic information for Portuguese text classification/Utilização de Informação Linguística na classificação de documentos em Língua Portuguesa, Teresa Gonçalves, Informatics, Universidade de Évora, 2008.
- MSc. Development of an Ubiquitous Architecture for Tourism: the Cabo Verde Tourism Project. Evandro Fonseca, Informatics, University Jean Piaget of Cabo Verde, 2016.
- MSc. An information retrieval system for the Tétum Language / Um sistema de recuperação de informação para a Língua Tétum, Borja Antonino, Informatics, Universidade de Évora, 2013.
- MSc. Documental Management in the context of the MyAprenderNaNet project / Gestão Documental no âmbito do projecto MyAprenderNaNet, Cláudio Ramos, Informatics, Universidade de Évora, 2012.
- MSc. An Hybrid Approach for Named Entity Extraction and Automatic Ontology Population in Legal Domain, Prakash Poudyal, Informatics, Universidade de Évora, 2012.

- MSc. Generation of UML diagrams from texts defining user requirements/ Geração de diagramas UML a partir da análise de textos que definam os requisitos de um sistema de informação, Ricardo Frango, Informatics, Universidade de Évora, 2012.
- MSc. Creating a digital archive for the "AHS – Historical and Social Archive"/ Construção de um arquivo digital para documentos do "AHS - Arquivo Histórico Social", Marco Emídio, Informatics, Universidade de Évora, 2012.
- MSc. Question answering systems in the medical domain/Sistema de Pergunta-Resposta na Área Médica, Pedro Fialho, Informatics, Universidade de Évora, 2012.
- MSc. Preservation of digital documents in the Portuguese municipal archives/ Preservação de documentos digitais nos arquivos municipais portugueses, Anita Tinoco, Information and documentation Sciences, Universidade de Évora, 2012.
- MSc. Automatic Summarization of Texts/Sumarização automática de textos, Luís Rodrigues, Informatics, Universidade de Évora, 2011.
- MSc. Automatic inference of relations between named entities, João Sequeira, Informatics, Universidade de Évora, 2011.
- MSc. Computational tools for the Portuguese Languages, José Saianda, Informatics, Universidade de Évora, 2011.
- MSc. Medical ontology creation and population/Criação de uma ontologia e respectiva povoação a partir do processamento de relatórios médicos, Luís Borrego, Informatics, Universidade de Évora, 2010.
- MSc. Information extraction in Portuguese documents/Extracção de Informação de Documentos em Língua Portuguesa, José Pedras, Informatics, Universidade de Évora, 2010.
- MSc. Automatic normalization of hotel descriptions/Normalização automática de descrições de hotéis, Nuno Miranda, Informatics, Universidade de Évora, 2010.
- MSc. Alentejo in the Évora Public Library Catalogue/O Alentejo no espólio cartográfico da Biblioteca Pública de Évora, Pedro Moreira, Information Sciences and Documentation, Universidade de Évora, 2010.

- MSc. Quality methodologies and testing in data warehouses/ Metodologias de Qualidade e Testes de Data Warehouses – sua importância para a flexibilização e optimização do processo de Data Warehouse, Francisco Matias, Informatics, Universidade de Évora, 2008.
- MSc. Indexing policies and methodologies in the thesaurus construction process/Implementação de Políticas de Indexação e Metodologia para a Construção de Tesouros, Marta Gomes, Information Sciences and Documentation, Universidade de Évora, 2008.
- MSc. Digital preservation in the Open Archival Information System perspective/A questão da preservação digital numa perspectiva orientada segundo o Open Archival Information System, Carla Sofia Pina Silva, Information Sciences and Documentation, Universidade de Évora, 2008.
- MSc. Digital Library of ICBAS: a Case Study/Criação da Biblioteca Digital do Fundo de Periódicos do ICBAS: Estudo de Caso, Alice Freitas, Information Sciences and Documentation, Universidade de Évora, 2008.
- MSc. Digital repositories and open access to scientific knowledge/Repositórios e o Livre Acesso ao Conhecimento Científico: Estudo Comparativo, Patrícia Ferreira, Information Sciences and Documentation, Universidade de Évora, 2008.
- MSc. Anaphora resolution and its impact in information retrieval system/Resolução de anáforas e o seu impacto em sistemas de recuperação de informação, Luís Rosário, Informatics, Universidade de Évora, 2008.
- MSc. An architecture of agents: design and foundations of business model/Arquitetura de Agentes: Desenho e Fundações de um Modelo de Negócio, José Palmeiro, Informatics, Universidade de Évora, 2007.
- MSc. Automatic categorization of documents: a case study of the municipality of Palmela/Categorização automática de documentos de arquivo corrente: estudo de caso da Câmara Municipal de Palmela, Ângela Camolas, Information Sciences and Documentation, Universidade de Évora, 2007.
- MSc. PDAs for health reference services/Implementação de Serviços de Referência para Assistentes Digitais Pessoais (PDAs) nas Bibliotecas de Saúde em Portugal, Paula Saraiva, Information Sciences and Information, Universidade de Évora, 2007.
- MSc. Adjective semantics: how to include it in a juridical ontology/A semântica dos adjetivos: como e por que incluí-la em uma ontologia de

domínio jurídico, Computational Linguistics, Anderson Bertoldi, UNISINOS - Universidade do Vale do Rio de Sinos, S. Leopoldo, Brasil, 2007 (co-supervisor).

- MSc. Automatic resolution of pronominal anaphora/Resolução automática de anáforas pronominais na Língua Portuguesa, Ana Aires, Informatics, Universidade de Évora, 2006.
- MSc. Evolutive optimization of equipment for polymer processing /Optimização Evolutiva de Equipamento de Processamento de Polímeros, Marília Felismino, Informatics, Universidade de Évora, 2006 (co-supervisor).
- MSc. A question-answering system for the Portuguese Language/Um sistema de pergunta-resposta para a Língua Portuguesa, Pedro Salgueiro, Informatics, Universidade de Évora, 2005.
- MSc. Construction of an ontology of verbs for the juridical domain/Construção de uma ontologia de verbos para o domínio jurídico, Computational Linguistics, Isa Alves, UNISINOS - Universidade do Vale do Rio de Sinos, S. Leopoldo, Brasil, 2005 (co-supervisor).
- MSc. Automatic construction of ontologies/Construção automática de ontologias, José Saias, Informatics, Universidade de Évora, 2003.

5 Scientific activity

5.1 Research and development project coordination

MOPREVIS – Modeling and Predicting Traffic Accidents in the Setúbal District.

Co-coordinator of the project, funded by FCT in the context of the "IA in the Public Administration" program. The project has a budget of 300.000 euros, started in January 2019 and has a duration of 36 months.

INSPiRE Erasmus+ Project KA2 "INnovative governance Practices for Higher Education Institutions in Iraq". Coordinator at the University of Évora. 2019-2021.

Digi-CHE-ASIA Erasmus+ Project "Enhancing Digital Capacities in Higher Education for Asian Universities", Coordinator at the Universidade de Évora. 2019-2021.

Project Evora Smart U-City Proponent and coordinator of one of the tasks of the project, funded by Portugal2020 with a budget of 1.2M euros, aiming

to develop a new information system to the University of Évora, fully integrated with the city of Évora and receiving input from a set of external sensors (IoT). The project started in June 2018 and has a duration of 24 months.

Project L&T University Learning and Teaching at the University. Co-coordinator of this research project, funded by FCT (Portuguese Science and Technology Foundation), with a budget of 222.937 euros, and aiming to study and develop new models of learning and teaching at the University. This project started in June 2018 and has a duration of 24 months.

Project CLARIN University of Évora coordinator of the project "Common Language Resources and Technology Infrastructure". Project included in the Portuguese Infrastructure Roadmap by FCT (Science and Technology Foundation), in a consortium of the University of Lisbon and the University of Évora. The project started in June 2017, with a duration of 3 years and a budget of around 2M euros.

Project AGATHA University of Évora coordinator of the AGATHA project – Intelligent system to analyze open information sources in order to detect criminality. This project is co-promoted by Compta, Voice Interaction, CGI, and University of Évora. Total budget: 2.3 M euros. Starting date: October 2016. Duration: 36 months.

Project COST TextLink – European Action "Structuring Discourse in Multilingual Europe", number IS1312, member of the Management Committee.

AuTema-PINeAPPLE (MYRG 2018-00112-FAH) - "Interactive Platform for Learning of Portuguese as a Foreign Language", funded by University of Macau, coordinator of the University of Évora participation, 2019-2020.

AuTema-Reorgs (MYRG 2017-00109-FAH) - "Automatic Reorganization of Structures", funded by University of Macau, coordinator of the University of Évora participation, 2017-2019.

AuTema-PostEditing (MYRG 2011-058-FSH12-ALL) - "AuTema Post Editing", funded by University of Macau, coordinator of the University of Évora participation, 2012-2016.

AuTema-SynTree (MYRG 2010-102-FSH11-ALL) - "Annotation and Analysis of Bilingual Syntactic Trees for Chinese/Portuguese", funded by University of Macau, coordinator of the University of Évora participation, 2011-2015.

AuTema-Dis II (RG035/09-10S/ALL/FSH) - "Automatic Analysis of Thematic Discursive Portuguese Texts", funded by University of Macau, coordinator of the University of Évora participation, 2009-2011.

Project PROPESP Coordination in Portugal of the project "A support decision framework for the selection of contextualized learning objects in the context of the student's profile". Research project financed by PROFESP – "Pró-Reitoria de Pesquisa e Pós-Graduação da Universidade Federal do Pará, Brasil" under the responsibility of Prof. Leila Weitzel. 2013-2014.

Project MEDON – Using Ontologies to Model Data and Medical Procedures Research project financed by FCT, 2009-2011.

Project QA – Question/answering. Portugal/Spain cooperation project approved by CRUP. Members: University of Évora and University of Santiago de Compostela. Project start: January, 2008. Duration: 3 years.

Project LOIS – Lexical Ontologies for Information Sharing eContent European Project. Start: March, 2004. End: March, 2007.

Project ABC – Intelligent Access to Knowledge Bases. Research Project supported by Agência de Inovação. Start: 2002. End: 2006.

Project COOPERATIVO. FCT Research project. Start: 2002. End: 2005.

Project DIRPI. Cooperation project between Portugal and Brasil funded by GRI-CES and MCTES. Start: 2002. End: 2006.

5.2 Scientific Events

- Conference Chair of PROPOR'2020 – 14th International Conference on Computational Processing of Portuguese Language, Évora, Portugal, March 2020.
- Program Committee member of ICAIL'2019 – 17th International Conference on Artificial Intelligence and Law, Luxembourg, June 2019.
- Program Committee member of EPIA'19, 18th Portuguese Conference on Artificial Intelligence, Vila Real, Portugal, September, 2019.
- Program Committee member of Text2Story – 2nd Workshop on Narrative Extraction from Text, Cologne, Germany, April 2019.

- Program Committee member of ICCCI'2019 – 11th International Conference on Computational Collective Intelligence Technologies and Applications, Hendaye, France, September, 2019.
- Program Committee member of ICACCP'2019 – 2nd International Conference on Advanced Computational and Communication Paradigms, Sikkim, India, February, 2019.
- Program Committee member of ACIIDS'2019 – 11th Asian Conference on Intelligent Information and Database Systems, Yogyakarta, Indonesia, April 2019.
- Program Committee member of ICICS'2019 - International Conference on Information and Communication systems, Irbid, Jordânia, June 2019.
- Track Chair and member of the Program Committee of RIVF'2019 – International Conference on Computing and Communication Technologies, Danang, Vietnam, 2019.
- Program Committee member of JURIX'2018 – 31st International Conference on Legal Knowledge and Information Systems, December, 2016.
- Program Committee member of PROPOR'2018 – 13th International Conference on Computational Processing of Portuguese Language, Canela, Brasil, September 2018.
- Program Committee member of FIRE'2018 – 10th Forum for Information Retrieval Evaluation, India, December 2018.
- Program Committee member of IberSpeech'2018, Barcelona, Spain, November, 2018.
- Program Committee member of LeDAM'2018 – Workshop on Legal Data Analytics and Mining, Turin, Italy, October, 2018.
- Program Committee member of CloudTech'2018 – 4th International Conference of Cloud Computing Technologies and Application, Brussels, Belgium, November, 2018.
- Program Committee member of item Membro da Comissão de Programa de RTIP2R – International Conference on Recent Trends in Image Processing & Pattern Recognition, India, December, 2018.
- Program Committee member of IDEAL'2018 – International Conference on Intelligent Data Engineering and Automated Learning, Madrid, 2018.

- Program Committee member of BRACIS'2018 – Brazilian Conference on Intelligent Systems, Brazil, 2018.
- Program Committee member of CAPSI'2018 – 18th Conference of the Portuguese Association of Information Systems, Portugal, 2018.
- Program Committee member of ICCCI'2018 – 10th International Conference on Computational Collective Intelligence Technologies and Applications, Bristol, UK, September, 2018.
- Program Committee member of AICCSA'2018 – International Conference on Computer Systems and Applications, Adaba, Jordan, 2018.
- Program Committee member of ACIIDS'2018 – 10th Asian Conference on Intelligent Information and Database Systems, Dong Hoi City, Vietnam, March 2018.
- Program Committee member of CBMS – Computer Based Medical Systems, Karlstad, Sweden, June 2018.
- Program Committee member of ICACCI'2018 – International Conference on Advances in Computing, Communications and Informatics, Bangalore, India, September 2018.
- Program Committee member of Text2Story – 1st Workshop on Narrative Extraction from Text, Grenoble, France, March 2018.
- Program Committee member of ICICS'2018 - International Conference on Information and Communication systems, Irbid, Jordaine, April 2018.
- Program Committee member of IBEREVAL – Evaluation of Human Language Technologies for Iberian languages, Murcia, Spain, September 2017.
- Program Committee member of ICAIL'2017 – 16th International Conference on Artificial Intelligence and Law, London, UK, June 2017.
- Program Committee member of EPIA'17, 18th Portuguese Conference on Artificial Intelligence, Porto, Portugal, September, 2017.
- Program Committee member of FIRE'2017 – 9th Forum for Information Retrieval Evaluation, Bangalore, India, December 2017.
- Program Committee member of CloudTech'2017 – 3rd International Conference of Cloud Computing Technologies and Application, Rabat, Morocco, October 2017.

- Program Committee member of CLEF'2017 - Conference and Labs of the Evaluation Forum, Dublin, Ireland, September 2017.
- Program Committee member of ICCCI'2017 – 9th International Conference on Computational Collective Intelligence Technologies and Applications, Haikidiki, Greece, September, 2017.
- Program Committee member of ICICS'2017 - International Conference on Information and Communication systems, Irbid, Jordaine, April 2017.
- Program Committee member of ICACCI'2017 – International Conference on Advances in Computing, Communications and Informatics, Karnataka, India, September 2017.
- Program Committee member of BRACIS'2017 – Brazilian Conference on Intelligent Systems, Uberlândia, Brazil. 2017.
- Program Committee member of ENIAC'2017 – 14th National Meeting on Artificial and Computational Intelligence, Uberlândia, Brazil. 2017.
- Program Committee member of INFORUM – Simpósio de Informática, Universidade de Aveiro, October, 2017.
- Program Committee member of CAPSI'2017 – 17^a Conferência da Associação Portuguesa de Sistemas de Informação, Braga, Portugal, September, 2017.
- Program Committee member of ACIIDS'2017 – 9th Asian Conference on Intelligent Information and Database Systems, Kanazawa, Japan, April, 2017.
- Program Committee member of IberSpeech'2016, Lisboa, Portugal, 2016.
- Program Committee member of FIRE'2016 – 8th Forum for Information Retrieval Evaluation, Kolkata, India, December, 2016.
- Conference Chair and Program Committee member of CLEF'2016 - Conference and Labs of the Evaluation Forum, Évora, Portugal, September, 2016.
- Program Chair and Program Committee member of PROPOR'2016 – 12th International Conference on Computational Processing of Portuguese Language, Tomar, Portugal, July, 2016.
- Program Committee member of JURIX'2016 – 29th International Conference on Legal Knowledge and Information Systems, Nice, France, December, 2016.

- Program Committee member of ICCSA – International Conference on Computer Systems and Applications, Agadir, Morocco, November, 2016.
- Program Committee member of ICACCI – International Conference on Advances in Computing, Communications and Informatics, Jaipur, India, September, 2016.
- Program Committee member of ACIIDS'2016 – 8th Asian Conference on Intelligent Information and Database Systems, Da Nang, Vietnam, March, 2016.
- Program Committee member of ICCCI'2016 – 8th International Conference on Computational Collective Intelligence Technologies and Applications, Haikidiki, Greece, September, 2016.
- Program Committee member of ICSNCS'2016 – International Conference on Signal, Networks, Computing, and Systems New Delhi, India, February, 2016.
- Program Committee member of BRACIS'2016 – Brazilian Conference on Intelligent Systems, Recife, Brazil. 2016.
- Program Committee member of ENIAC'2016 – 13th National Meeting on Artificial and Computational Intelligence, Recife, Brazil. 2016.
- Program Committee member of INFORUM – Simpósio de Informática, Instituto superior Técnico, Universidade de Lisboa, September, 2016.
- Program Committee member of VJ'2016 – VideoJogos, Covilhã, Portugal, September, 2016.
- Program Committee member of ICAIL'2015 – 15th International Conference on Artificial Intelligence and Law, San Diego, USA, June, 2015.
- Program Committee member of FIRE'2015 – 7th Forum for Information Retrieval Evaluation, India, December, 2015.
- Program Committee member of JURIX'2015 – 28th International Conference on Legal Knowledge and Information Systems, Braga, Portugal, December, 2015.
- Program Committee member of WNACP'2015 – 1st Workshop on Natural Language Processing Applications, Passau, Germany, March, 2015.

- Program Committee member of ICCCI'2015 – 7th International Conference on Computational Collective Intelligence Technologies and Applications, Madrid, Spain, September, 2015.
- Program Committee member of ReTIS'2015 – 2nd International Conference on Recent Trends in Information Systems, Kolkata, India, July, 2015.
- Program Committee member of ACIIDS'2015 – 7th Asian Conference on Intelligent Information and Database Systems, Bali, Indonesia, March, 2015.
- Program Committee member of EPIA'15, 17th Portuguese Conference on Artificial Intelligence, Coimbra, Portugal, September, 2015.
- Program Committee member of VJ'2015 – VideoJogos, Coimbra, Portugal, 2015.
- Program Committee member of CAPSI'2015 – 15^a Conferência da Associação Portuguesa de Sistemas de Informação, Lisboa, Portugal, October, 2015.
- Program Committee member INFORUM – Simpósio de Informática, Universidade da Beira Interior, 2015.
- Program Committee member of PROPOR'2014 – 11th International Conference on Computational Processing of Portuguese Language, São Paulo, Brazil, 2014.
- Program Committee member of JURIX'2014 – 27th International Conference on Legal Knowledge and Information Systems, Krakow, Polonia, December, 2014.
- Program Committee member of IberSpeech'2014, Las Palmas, Spain, 2014.
- Program Committee member of ICCCI'2014 – 6th International Conference on Computational Collective Intelligence Technologies and Applications, Craiova, Romenia, September, 2014.
- Program Committee member of SPLeT'2014 – 5th Workshop on Semantic Processing of Legal Texts, Reykjavik, Iceland, May, 2014.
- Program Committee member of KDO'2014 – Workshop on Knowledge Discovery in Ontologies, Warsaw, Polonia, August, 2014.
- Program Committee member of CAPSI'2014 – 14^a Conferência da Associação Portuguesa de Sistemas de Informação, Santarém, Portugal, October, 2014.

- Program Committee member of VJ'2014 – VideoJogos, Instituto Politécnico do Cávado e do Ave, Portugal, 2014.
- Program Committee member of INFORUM – Simpósio de Informática, Universidade de Porto, September, 2014.
- Program Committee member of ENIAC'2014 – 11th National Meeting on Artificial and Computational Intelligence, São Carlos, Brazil. October, 2014.
- Program Committee member of JURIX'2013 – 26th International Conference on Legal Knowledge and Information Systems, Bologna, Italy, December, 2013.
- Program Committee member of KDO'2013 – First Workshop on Knowledge Discovery in Ontologies, Atlanta, USA, November, 2013.
- Program Committee member of CAPSI'2013 – 13th Conference of the Portuguese Association of Information Systems, Évora, Portugal, October, 2013.
- Program Committee member of BRACIS'2013 – 2nd Brazilian Conference on Intelligent Systems, Fortaleza, Ceará, Brazil. October, 2013.
- Program Committee member of ENIAC'2013 – 10th National Meeting on Artificial and Computational Intelligence, Fortaleza, Ceará, Brazil. October, 2013.
- Program Committee member of ICCCI'2013 – 5th International Conference on Computational Collective Intelligence Technologies and Applications, Craiova, Romania, September, 2013.
- Organizing and Program Committee member of INFORUM – Symposium of Informatics, Universidade de Évora, September, 2013.
- Program Committee member of VJ'2013 - VideoGames, Universidade de Coimbra, September, 2013.
- Program Committee member of 5th TEMA – TExt Mining and Applications workshop da conferência EPIA'13, 16th Portuguese Conference on Artificial Intelligence, Angra do Heroísmo, Portugal, September, 2013.
- Program Committee member of OAIR'2013 – Open research Areas in Information Retrieval Conference, Lisboa, 2013.

- Program Committee member of JURIX'2012 – 25th International Conference on Legal Knowledge and Information Systems, Amsterdam, Netherlands, December, 2012.
- Program Committee member of PROPOR'2012 – 10 International Conference on Computational Processing of Portuguese Language, Coimbra, Portugal, 2012.
- Program Committee member of SBIA'2012 – Simpósio Brasileiro de Inteligência Artificial (Brazilian Symposium of Artificial Intelligence), Curitiba, Paraná, Brasil, 2012.
- Program Committee member of ENIA'2012 – IX Encontro Nacional de Inteligência Artificial (National Meeting of Artificial Intelligence), Curitiba, Paraná, Brasil, 2012.
- Program Committee member of do ELPUB'2012 – 16th International Conference on Electronic Publishing, Guimarães, Portugal, Junho de 2012.
- Program Committee member of JURIX'2011 – 24th International Conference on Legal Knowledge and Information Systems, Vienna, Austria, December, 2011.
- Program Committee member of the 4th TEMA – TExt Mining and Applications workshop of EPIA'11, 14th Portuguese Conference on Artificial Intelligence, Lisboa, Portugal, September, 2011.
- Program Committee member of STIL'2011 – 8th Brazilian Symposium in Information and Language Technology, Cuiaba, Mato Grosso, Brasil, 2011.
- Program Committee member of AWIC'11, Atlantic Web Intelligence Conference, Fribourg, Switzerland, January, 2011.
- Program Committee member of JURIX'2010 – 23rd International Conference on Legal Knowledge and Information Systems, Liverpool, UK, December, 2010.
- Program Committee member of PROPOR'2010 – 9th International Conference on Computational Processing of Portuguese Language, Porto Alegre, Brasil, April 2010.
- Program Committee member of the 3rd TEMA – TExt Mining and Applications workshop of EPIA'09, 14th Portuguese Conference on Artificial Intelligence, Aveiro, Portugal, October, 2009.

- Program Committee member of STIL'2009 – 7th Brazilian Symposium in Information and Language Technology, São Carlos, São Paulo, Brasil, 2009.
- Program Committee member of AWIC'09, Atlantic Web Intelligence Conference, Praga, República Checa, June, 2009.
- Program Committee member of the "I Iberian SLTech - SIG-IL/Microsoft Workshop on Speech and Language Technologies for Iberian Languages", Porto Salvo, Portugal, September, 2009.
- Program Committee member of the session "Processamento de Dados, Informação e Linguagem" do INFORUM – Simpósio de Informática", Universidade de Lisboa, September, 2009.
- Program Committee member and Publication chair of PROPOR'2008 – 8th International Conference on Computational Processing of Portuguese Language, Curia, Portugal, September, 2008.
- Program Committee member of AWIC'08, Atlantic Web Intelligence Conference, Cape Town, South Africa, May 2008.
- Program Committee member of the workshop "Semantic processing of legal texts" da conferência internacional "LREC – Language Resources and Evaluation Conference", Marrakech, Marrocos, May 2008.
- Program Committee member of JURIX'2008 – 21th International Conference on Legal Knowledge and Information Systems, Florença, Itália, December, 2008.
- Program Committee member of TIL'2008 – 6th Workshop in Information and Language Technology, Vila Velha, Espírito Santo, Brasil, 2008.
- Program Committee member of the 2nd TEMA – TExt Mining and Applications workshop da conferência EPIA'07, 13th Portuguese Conference on Artificial Intelligence, Guimarães, Portugal, December, 2007.
- Program Committee member of JURIX'2007 – 20th Anniversary International Conference on Legal Knowledge and Information Systems, Leiden, Netherlands, December 2007.
- Co-chairman and Program Committee member of SW4Law'07 – Workshop on Semantic Web Technology for Law at the ICAIL'07 – International Conference on Artificial Intelligence and Law, Stanford, USA, June 2007.

- Program Committee member of LOIAT'07 – Workshop on Legal Ontologies and Artificial Intelligence Techniques at the ICAIL'07 – International Conference on Artificial Intelligence and Law, Stanford, USA, June 2007.
- Program Committee member of TIL'2007 – 5th Workshop in Information and Language Technology, Rio de Janeiro, 2007.
- Program Committee member of AWIC'07, Atlantic Web Intelligence Conference, France, 2007.
- Co-chairman and Program Committee member of PROPOR'2006 – 7th Workshop on Computational Processing of Written and Spoken Portuguese, Itatiaia, Rio de Janeiro, Brasil, May 2006.
- Program Committee member of IBERAMIA'06 – 10th Iberoamerican International Conference on Artificial Intelligence, Ribeirão Preto, 2006.
- Program Committee member of TIL'2006 – 4th Workshop in Information and Language Technology, Ribeirão Preto, 2006.
- Program Committee member of AWIC'06, Atlantic Web Intelligence Conference, Israel, 2006.
- Program Committee member of two workshops da conferência EPIA'05, 12th Portuguese Conference on Artificial Intelligence, realizada na Covilhã, Portugal, December, 2005.
- Program Committee member of AWIC'05, Atlantic Web Intelligence Conference, realizada em Lodz, Polónia, June, 2005.
- Program Committee member of IBERAMIA'04 – 9th Iberoamerican International Conference on Artificial Intelligence, Puebla, México, 2004.
- Program Committee member of Robocup'04, Lisboa, Portugal, 2004.
- Program Committee member of AWIC'04, Atlantic Web Intelligence Conference, Cancun, México, May, 2004.
- Program Committee member and co-organizer of the Workshop "Natural Language and Text Retrieval" at EPIA'03, 11th Portuguese Conference on Artificial Intelligence, Beja, Portugal, December, 2003.
- Program Committee member of the workshop "Legal Ontologies and web-base legal information management" at ICAIL'03, International Conference on Artificial Intelligence and Law, Edinburgh, Scotland, June, 2003.

- Program Committee member of AGP'03, International Conference on Declarative Programming, Reggio Calabria, Italy, September, 2003.
- Program Committee member of AWIC'03, Atlantic Web Intelligence Conference, Madrid, Spain, May, 2003.
- Program Committee member of AGP'02, International Conference on Declarative Programming, Madrid, Spain, September, 2002.
- Co-chairman and Program Committee member of AGP'01, International Conference on Declarative Programming, Évora, September, 2001.
- Program Committee member of INAP'01 - 14th International Conference on Applications of Prolog, Tokyo, Japan, October, 2001.
- Program Committee member of the '3rd French-American International Conference on Technology and Legal Practice', Syracuse, USA, 2001.
- Program Committee member of PROPOR'00 - V Encontro para o Processamento da Língua Portuguesa Escrita e Falada, Brasil, 2000.
- Program Committee member of PROPOR'99 - IV Encontro para o Processamento da Língua Portuguesa Escrita e Falada, Évora, Portugal, 1999.
- Program Committee member of IBERAMIA'98 – Sixth Iberoamerican International Conference on Artificial Intelligence, Lisboa, Portugal, 1998.

6 Pedagogical Activity

Responsible for the following courses at the University of Évora:

- Information Extraction and Question-Answering Systems – PhD in Informatics – 2009-
- PhD Seminar III – PhD in Informatics – 2013-
- Qualification Exam – PhD in Informatics – 2011-
- Text information retrieval – MSc in Informatics Engineering – 2002-2015
- Advanced Compiler Techniques – MSc in Informatics Engineering – 2007-2012
- Intelligent Agents – MSc in Informatics Engineering – 2002-2006

- Research Seminars – MSc in Informatics Engineering – 2004-2007
- Declarative Programming – Informatics Engineering – 2007-2009
- Data Structures – Informatics Engineering – 1998-2003
- Programming Languages – Informatics Engineering – 2000-2003
- Programming II – Informatics Engineering – 2000-2007
- Programming I – Informatics Engineering – 1997-1999

7 Publications

7.1 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).

7.2 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 www 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).

7.3 Chapter book or collection

- [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.

7.4 Internationally available conference 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 portuguese language. In Nicoletta Calzolari, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Kôiti Hasida, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, H  l  ne Mazo, Asunci  n Moreno, Jan Odi  k, 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, Lu  sa 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 Odijk, 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 Healthcare Through ICT*, volume 183 of *Studies in Health Technology and Informatics*, pages 201–208, Victoria, Candada, 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 *ICAAIL'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 Med-Net 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. Przymusińska, T. C. Przymusiński, 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. SpringerWienNewYork. 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, Bulgaria, 1992. North Holland. (pdf) (ps).

7.5 Conference proceedings

- [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 PRO-POR'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 Inter-*

national 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 mednlp-doc 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] Lúcia Duarte, Fernanda Olvial, and Paulo Quaresma. Extração 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] Lúcia Duarte, Fernanda Olvial, and Paulo Quaresma. O parentesco nas gazetas manuscritas (1729–1740). a língua e o contexto histórico na extração 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, Raisal Costa, Rogério Pimentel, and Paulo Quaresma. Recuperación de objetos de aprendizaje accesibles. In *Proceedings of LA-CLO'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, Dilcielly Almeida Ribeiro, Raisal 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 *l_{st}*, 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 *l_{st}*, obtida por imagens de satélite. In *Proceedings of the 8^o Simpósio de Meteorologia e Geofísica da APMG*, Mafra, Portugal, 2013.
- [143] Marília Santos, José 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 "2^a 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*, Istanbul, 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 Es-*

tudos 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. Multilingual 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 Sarmento, 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, Evangelos 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 cooperative behaviour. In Torbjorn Nordgard, editor, *NODAL-IDA – 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. Vilarès-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. Instituto 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 interação 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 8^o Simposium Brasileiro de Inteligência Artificial*, Brasília, Brasil, 1991. (pdf) (ps).

7.6 Proceedings editor

- [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 PRO-POR'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 – APPIA/GULP/PRODE Joint Conference on Declarative Programming*, Évora, Portugal, September 2001. Universidade de Évora.