Curriculum Vitæ

March 2016

1 Personal Data

Name	:	Teresa Cristina de Freitas Gonçalves
Birth date	:	June 20th, 1969
Nacionality	:	Portuguese
Home Address	:	Rua Marcos Assunção 27 - 3º esq
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2 Academic Qualifications

- PhD in Computer Science. University of Évora, 2008. *Portuguese Documents Classificaton using Linguistic Information* (translation from Portuguese).

- MsC in Informatics Engineering. Faculty of Science and Tecnology, New University of Lisbon. 2006. *Conceptual Clustering – Evaluation functions nd Knowledge Integration* (translation from Portuguese).

- BsC in Informatics Engineering (5 years degree). Faculty of Science and Tecnology, New University of Lisbon. 1992.

3 Professional Activities

- Assistant Professor. Computer Science Department, University of Évora. (since January 2008)

- Teaching Assistant. Computer Science Department, University of Évora. (November 1999 – January 2008)

- Researcher at LISP – Laboratório de Informática, Sistemas e Paralelismo, Universidade de Évora. (since January 2015)

- Member of CITI – Centro de Inovação em Tecnologias de Informação da University of Évora. (since January 2006)

- Researcher at CENTRIA – Centro de Inteligência Artificial, Universidade Nova de Lisboa (FCT funding centre). (April 1996 – December 2014)

- Researcher at CRI – Centro de Robótica Inteligente do UNINOVA. (September 1992 – March 1996)

4 Positions

- Director of the 1st cycle study program on Informatics Enginnering. (since February 2016).

- Head of the Informatics Department of University of Évora. (January 2011 – January 2015).

- Assessor of the director of the Bachelor in Informatics Engineering of University of Évora. (January 2010 – January 2011)

- Member of the Board of the Informatics Department. (since April 2000)

- Member of the Portuguese Association for Artificial Intelligence (APPIA).

5 Graduate Supervision

5.1 PhD

5.1.1 Concluded

- PhD in Computer Science, University of Évora. Arlindo Ferreira da Silva. *Optimization of kernel methods with swarm algorithms.* (June 2014)

5.1.2 Ongoing

- PhD in Enginnering, Jadavpur University. Swarnendu Gosh. *Graph Based Approach towards Automatic Generation of Image Description .* (since September 2014, *co-orientation*)

- PhD in Computer Science, University of Évora. Prakash Poudyal. *Argument mining in legal domain.* (since October 2013, *co-orientation*)

- PhD in Computer Science, University of Évora. Roy Bayot. *Author Profiling using Convolutional Neural Networks.* (since October 2013)

- PhD in Computer Science, University of Évora. João Sequeira. *Identificação Automática da Modalidade na Língua Portuguesa.* (since October 2013, *co-orientation*)

- PhD in Computer Science, University of Évora. Nuno Miranda. *Recommendation system for tourist groups.* (since October 2013)

5.2 MSc

5.2.1 Concluded

- MsC thesis, University of Évora. Md Sajib Ahmed. *Improving Bengali OCR output through correction algorithms.* (November 2015)

- MsC in Informatics Engineering, University of Évora. Mário Silva Gusmão. *Layout editor for multimedia clients.* (November 2012)

- MsC in Informatics Engineering, University of Évora. Nuno Miguel Emídio Carvão. *Monitoring and alarms in information flows.* (October 2012)

- MsC in Informatics Engineering, University of Évora. João Paulo Carracha Coelho. *NXT Mindstorms and Reinforcement learning.* (March 2012)

- MsC in Informatics Engineering, University of Évora. João Manuel dos Santos Sequeira. *Relation extraction from named entities.* (December 2011)

- MsC in Informatics Engineering, University of Évora. Nuno Filipe Roque Miranda. *Automatic Normalization of Hotel Descriptions.* (December 2010, *co-orientation*)

5.3 Ongoing

- MsC in Informatics Engineering, University of Évora. Gil Palma Ndecky. *Visual Smart Mail – uma aplicação para visualização exploratória de email.* (since July 2014)

- MsC in Informatics Engineering, University of Évora. Pedro Miguel Nogueira. *Reconhecimento automático de fases minerais e classificação de rochas.* (since November 2014)

- MsC in Informatics Engineering, University of Évora. Ricardo Manuel Brissos Dias. *Implementação de um Custumer Relationship Management (CRM) como software as a service (SAAS).* (since November 2014)

5.4 Participation in Academic Juries

5.4.1 PhD

- Member of the jury of PhD in Eletrical and Computer Engineering – Computer and Perceptional Systems, Faculty of Science and Tecnology, New University of Lisbon (examiner). Tahereh Nodehi. (December 2014)

- Member of the jury of PhD in Informatics, University of Évora (vowel). José Miguel Gomes Saias. (July 2010)

5.4.2 MSc

- Member of the jury of MsC in Eletrical and Computer Engineering, Science and Tecnology Faculty, New University of Lisbon (examiner). Maria Rita Alves Alhandra. (December 2015)

- Member of the jury of MsC in Eletrical and Computer Engineering, Science and Tecnology Faculty, New University of Lisbon (examiner). Fábio Manuel Nunes Branco. (December 2014)

- Member of the jury of MsC in Eletrical and Computer Engineering, Science and Tecnology Faculty, New University of Lisbon (examiner). Pedro Ricardo Contradanças de Andrade. (December 2014)

- Member of the jury of MsC in Informatics Engineering, New University of Lisbon (examiner). Luís Pedro Albano Ramos. (July 2013)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). José Manuel Marques Pereira Tatá. (February 2013)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Prakash Poudyal. (July 2012)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). João Miguel Fernandes Pereira da Silva. (May 2012)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Josué David Almeida Duarte Delgado. (March 2012)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Paulo Jorge Fidalgo Oliveira. (February 2012)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Marco Filipe Coelho Emídio. (January 2012)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). João Pedro Pereira Perdigão. (January 2011)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). José Luís Pinto Pedras. (December 2010)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). João Tomé da Silva Laranjinho. (July 2010)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Luís Filipe Gonçalves Matildes. (January 2010)

- Member of the jury of MsC in Informatics Engineering, University of Évora (vowel). João Pedro Sousa Costa Silva. (December 2009)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). David Cravinho. (November 2009)

- Member of the jury of MsC in Informatics Engineering, University of Évora (examiner). Bruno Simões. (July 2009)

6 Scientific and Cooperation Activities

6.1 University extension actions

CITI@UÉ. Coordinator of the project "Smart Mail — *A SMART platform for mail management.* Business/university cooperation project between Viatecla SA and CITI@UÉ, Inovation Centre in Information Tecnologies, University of Évora (January 2015 – September 2015).

CITI@UÉ. Coordinator of the project "Smart CP — *A SMART Content Provider.* Business/university cooperation project between Viatecla SA and CITI@UÉ, Inovation Centre in Information Tecnologies, University of Évora (January 2015 – September 2015).

UNTL. Pedagogic coordinator of the Informatics Engineering Degree of the Universidade Nacional Timor Lorosae (cooperation protocol between that university University of Évora. (July 2010 – December 2012).

OCJF. Coordinator of the Informatics Department internships of "Ocupação Científica de Jovens nas Férias", Programa Ciência Viva (2011 – 2015 editions).

CITI@UÉ. Coordinator of the project "RERE — *Relevant Expressions and Relations Extraction.* Business/university cooperation project between Viatecla SA and CITI@UÉ, Inovation Centre in Information Tecnologies, University of Évora (2009 – 2010).

6.2 Research Projects

MEDON. *Using Ontologies to Model Data and Medical Procedures.* FCT funding project, PTDC/EIA/80772/2006. University of Évora (2009–2011, *Research team member*)

QA. *Question/answering.* Portugal/Spain scientific cooperation project with Universidade de Santiago de Compostela. University of Évora (2008 – 2010, *Research team member*)

DOMIR. *Diálogos e Ontologias para Recuperação de Informação Multimédia.* FCT funding project. University of Évora (2005 – 2007, *Research team member*)

ABC. *Acesso Inteligente a Bases de Conhecimento.* Agência de Inovação funding project. University of Évora (2002 – 2005, *Research team member*)

COOPERATIVO. SAPIENS FCT funding project. University of Évora (2002 – 2004, *Research team member*)

APAT. *Analysis and Prediction of Television Audiences.* Departamento de Informática, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (1996 – 1998, *Research team member*)

SAFDM. *Algoritmos Especializados de Optimização para Tomada de Decisão Difusa.* JNICT project, Departamento de Informática, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (1996 – 1997, *Research team member*)

RoadRobot. *Operator Assisted Mobile Road Robot for Heavy Duty Civil Enginnering Applications.* ESPRIT III European project. Centro de Robótica Inteligente do UNINOVA (1992 – 1996, *Research team member*)

6.3 Mobility Projects

LEADER. *Links in Europe and Asia for engineering, eDucation, Enterprise and Research Organization.* Erasmus Mundus project, External Cooperation Window, Strand I. University of Évora. (2014–2018, *Local coordinator*)

gLINK. *Sustainable Green Economies through Learning, Innovation, Networking and Knowledge Exchange.* Erasmus Mundus project, External Cooperation Window, Strand I. University of Évora. (2014–2018, *Local coordinator*)

DigiFact. *Digital Factory: Concepts, Implementations, Present and Future Challenges.* EEA grants (Scholarships and inter-institutional cooperation Scholarships and inter-institutional cooperation in the Higher Education area of Romania, Norway, Iceland and Liechtenstein). University of Évora. (2014–2015, *Local coordinator*)

FUSION. *Featured eUrope and South asIa mObility Network.* Erasmus Mundus project, External Cooperation Window, Strand I. University of Évora. (2013–2017, *Local coordinator*)

6.4 Organization of Scientific Events

- Program chair of CLEF 2016 – Conference and Labs Evaluation Forum. University of Évora, September 2016.

- Local organizer of INForum 2013 – Portuguese Informatics Symposium. University of Évora, September 2013.

- Member of the organizing commitee of JIUE'2011 – Informatics symposium of University of Évora, November de 2011.

- Member of the organizing commitee of JIUE'2010 – Informatics symposium of University of Évora, November de 2010.

7 Publications

7.1 International Journals

[1] Roy Bayot and Teresa Gonçalves. Multilingual author profiling using svms and linguistic features. In *CICLing-16, 17th international Conference on Intelligent Text Processing and Computational Linguistics*, International Journal of Computational Linguistics and Applications, page (to appear). Bahri Publications, 2016.

[2] 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.

[3] Teresa Gonçalves and Paulo Quaresma. *Polylingual text classification in the legal domain*, pages 203–216. "Informatica & Diritto"Journal. Edizioni Scientifiche Italiane, 2010. PDF.

7.2 Books or collections

[1] 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 *CICLing-16, 17th international Conference on Intelligent Text Processing and Computational Linguistics*, Lecture Notes in Computer Science, page (to appear). Springer, 2016.

[2] 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. In *Alternative respiratory pathways in higher plants*, pages 261–266. John Wiley & Sons, Ltd, 2015.

[3] Leila Weitzel, RaulA. 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.

[4] 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, *Computational Processing of the Portuguese Language - 11th International Conference, PROPOR 2014, São Carlos/SP, Brazil, October 6-8, 2014. Proceedings*, volume 8775 of *Lecture Notes in Computer Science*, pages 70–81. Springer, 2014.

[5] 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, *Advances in Natural Language Processing - 9th International Conference on NLP, PolTAL 2014, Warsaw, Poland, September 17-19, 2014. Proceedings*, volume 8686 of *Lecture Notes in Computer Science*, pages 324–336. Springer, 2014.

[6] Arlindo Silva and Teresa Gonçalves. Using a scouting predator-prey optimizer to train support vector machines with non psd kernels. In *NICSO'13 – Nature Inspired Cooperative Strategies for Optimization*, volume 512 of *Studies in Computational Intelligence*, pages 43–56. Springer-Verlag, September 2013. PDF.

[7] Arlindo Silva and Teresa Gonçalves. Training support vector machines with an heterogeneous particle swarm optimizer. In *ICANNGA'13 – Adaptive and Natural Computing Algorithms*, volume 7824 of *Lecture Notes in Computer Science*, pages 100–109. Springer Berlin Heidelberg, April 2013. PDF.

[8] Arlindo Silva, A. Neves, and Teresa Gonçalves. Using scout particles to improve a predator-prey optimizer. In *ICANNGA'13 – Adaptive and Natural Computing Algorithms*, volume 7824 of *Lecture Notes in Computer Science*, pages 130–139. Springer Berlin Heidelberg, April 2013. PDF.

[9] João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Semantic role labeling for portuguese – a preliminary approach. In H. Caseli, A. Villavicencio, A. Teixeira, and F. Perdigao, editors, *PROPOR'2012, Computational Processing of the Portuguese Language*, volume 7243 of *Lecture Notes in Artificial Intelligence*, pages 193–203, Coimbra, PT, April 2012. Springer Verlag. ISBN 978-3-642-28885-2. PDF.

[10] Arlindo Silva, Ana Neves, and Teresa Gonçalves. An heterogeneous particle swarm optimizer with predator and scout particles. In Mohamed Kamel, Fakhri Karray, and Hani Hagras, editors, *Autonomous and Intelligent Systems*, volume 7326 of *Lecture Notes in Artificial Intelligence*, pages 200–208, Aveiro, PT, June 2012. Springer-Verlag. ISBN 978-3-642-31367-7. PDF.

[11] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, José Saias, Teresa Gonçalves, and Paulo Quaresma. Information extraction for standardization of tourism products. In Jose A. Lozano, José A. Gámez, and José A. Moreno, editors, *CaEPIA-11, 14th Conference of the Spanish Association for Artificial Intelligence*, volume 7023 of *Lecture Notes in Artificial Intelligence*, pages 453–462, Tenerife, SP, November 2011. Springer-Verlag. PDF.

[12] Teresa Gonçalves and Paulo Quaresma. *Using Linguistic Information and Machine Learning Techniques to Identify Entities from Juridical Documents*, volume 6036 of *Lecture Notes in Computer Science*, pages 44–59. Springer-Verlag, 2010. PDF.

[13] Teresa Gonçalves and Paulo Quaresma. Using graph-kernels to represent semantic information in text classification. In *MLDM-09 – International Conference on Machine Learning and Data Mining*, volume 5632 of *LNAI*, pages 632–646, Leipzig, DE, July 2009. Springer-Verlag. PDF.

[14] Teresa Gonçalves, C. Silva, Paulo Quaresma, and R. Vieira. Analysing part-of-speech for Portuguese text classification. In Alexander F. Gelbukh, editor, *CICLing-06, 7th international Conference on Intelligent Text Processing and Computational Linguistics*, volume 3878 of *LNCS*, pages 551–562, Mexico City, MX, February 2006. Springer-Verlag. PDF.

[15] Teresa Gonçalves and Paulo Quaresma. Is linguistic information relevant for the classification of legal texts? pages 168–176, June 2005. ISBN 1-59593-081-7. PDF.

[16] Teresa Gonçalves and Paulo Quaresma. Enhancing a Portuguese text classifier using part-of-speech tags. In M. Klopotek, S. Weirzchon, and K. Trojanowski, editors, *IIPWM-05, Intelligent Information Processing and Web Mining*, Advances in Soft Computing, pages 189–198, Gdansk, PL, June 2005. Springer-Verlag. PDF.

[17] Teresa Gonçalves and Paulo Quaresma. Using IR techniques to improve Automated Text Classification. In F. Meziane and E. Metais, editors, *NLDB-04, Natural Language Processing and Information Systems*, volume 3136 of *LNCS*, pages 374–379, Salford, UK, June 2004. Springer-Verlag. PDF.

[18] Teresa Gonçalves and Paulo Quaresma. The impact of NLP techniques in the multilabel classification problem. In M. Klopotek, S. Weirzchon, and K. Trojanowski, editors, *IIPWM-04, Intelligent Information Processing and Web Mining*, Advances in Soft Computing, pages 424–428, Zakopane, PL, May 2004. Springer-Verlag. PDF.

[19] Teresa Gonçalves and Paulo Quaresma. A preliminary approach to the multilabel classification problem of Portuguese juridical documents. In F. Moura-Pires and S. Abreu, editors, *EPIA-03, 11th Portuguese Conference on Artificial Intelligence*, volume 2902 of *LNAI*, pages 435–444, Évora, PT, December 2003. Springer-Verlag. PDF.

7.3 Proceedings of International Conferences

[1] R. Raminhos, E. Coutinho, N. Miranda, M. Barbas, P. Branco, T. Gonçalves, and G. Palma. Smart mail – a smart platform for mail management. In *ICEIS 2016 – 18th International Conference on Enterprise Information Systems*, April 2016.

[2] 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.

[3] 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.

[4] Teresa Gonçalves and Paulo Quaresma. Multilingual text classification through combination of monolingual classifiers. In *LOAIT'10 – 4th Workshop on Legal Ontologies and Artificial Intelligence Techniques*, pages 1–10, Florence, Italy, July 2010. PDF.

[5] Teresa Gonçalves and Paulo 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. ISBN 978-0-7695-3495-4. PDF.

[6] Teresa Gonçalves and Paulo 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. ISBN 978-0-7695-3441-1. PDF.

[7] Teresa Gonçalves and Paulo Quaresma. Evaluating preprocessing techniques in a text classification problem. In *XXV Congresso da Sociedade Brasileira de Computação*, pages 841–850, São Leopoldo, RS, BR, July 2005. SBC – Sociedade Brasileira de Computação. PDF.

[8] João Pimentão, Ricardo Gonçalves, Teresa Gonçalves, Helder Silva, Miguel Vital, Pedro Sousa, and António Steiger-Garção. The RoadRobot project: from theory to practice in systems integration. In *IEEE/ECLA/IFIP-96, 2nd International Conference on Architectures and Design Methods for Balanced Automation Systems*, pages 126–133, Lisbon, PT, 1996.

[9] João Pimentão, Rafaela Azinhal, Teresa Gonçalves, and Fernando Moura-Pires. Architecture of a Site Controller for Road Building Applications. In *CIM Europe-93, 9th Annual Conference*, pages 358–367, Amsterdam, NETH, 1993.

7.4 Proceedings of peer-reviewed conferences

[1] Roy Bayot and Teresa Gonçalves. Age and gender classification of english tweets using support vector machines. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[2] Ricardo Raminhos, Filipe Clérigo, Rui Estevão, Teresa Gonçalves, and Pedro Melgueira. Data clustering for heterogeneous data. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[3] Ricardo Raminhos, Filipe Clérigo, Rui Estevão, Teresa Gonçalves, and Pedro Melgueira. Smart content provider. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[4] Ricardo Raminhos, Filipe Clérigo, Rui Estevão, Teresa Gonçalves, and Pedro Melgueira. Smart data visualization and exploration. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[5] Ricardo Raminhos, Eduardo Coutinho, Nuno Miranda, Maria Barbas, Paulo Branco, Teresa Gonçalves, and Gil Palma. Email solutions – state-of-the-art and possible evolutions. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[6] Hua Yang and Teresa Gonçalves. A survey report on text classification. In *JIUE'2016 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, March 2016.

[7] Roy Bayot and Teresa Gonçalves. A survey on object classification using convolutional neural networks. In Pedro Salgueiro and Vitor Nogueira, editors, *JIUE'2015 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2015.

[8] Nuno Miranda and Teresa Gonçalves. Sistemas de recomendação para grupos. In Pedro Salgueiro and Vitor Nogueira, editors, *JIUE'2015 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2015.

[9] Puthnith Var, Miguel Barão, and Teresa Gonçalves. An effective fingers detection method for braille touchscreen keyboard on tablet. In Pedro Salgueiro and Vitor Nogueira, editors, *JIUE'2015 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2015.

[10] 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, *Working Notes for CLEF 2014 Conference, Sheffield, UK, September 15-18, 2014*, volume 1180 of *CEUR Workshop Proceedings*, pages 156–166. CEUR-WS.org, 2014.

[11] Nuno Miranda and Teresa Gonçalves. Extração de informação e classificação de textos em língua natural. In *JIUE'2014 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2014.

[12] Prakash Poudyal, Paulo Quaresma, and Teresa Gonçalves. The influence of training data on the performance of the SVMCMM algorithm. In *JIUE'2014 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2014.

[13] João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Anotação gramatical (pos-tagging): Ferramentas, recursos, abordagens e avaliação. In *JIUE'2014 – Jornadas de Informática da Universidade de Évora*. Escola de Ciências e Tecnologia, Universidade de Évora, February 2014.

[14] Mohammad Moinul Hoque, Prakash Poudyal, Teresa Gonçalves, and Paulo Quaresma. Information retrievel based on extraction of domain specific significant keywords and other relevant phrases from a conceptual semantic network structure. In *FIRE'2014 – Forum for Information Retrieval Evaluation*. India International Center, New Delhi India, December 2014.

[15] Arlindo Silva and Teresa Gonçalves. A swarm intelligence approach to svm training. In F. Ferreira and V. Pedro, editors, *JIUE'2013 – Jornadas de Informática da Universidade de Évora*, pages 39–43. Escola de Ciências e Tecnologia, Universidade de Évora, February 2013. ISBN: 978-989-97060-7-1. PDF.

[16] David Caeiro, Ricardo Raminhos, and Teresa Gonçalves. Subscrição de Conteúdos de Vídeo e Visualização em Ambientes Ricos. In L. Rato and Teresa Gonçalves, editors, *JIUE'2011 – Jornadas de Informática da Universidade de Évora*, pages 120–128, Évora, PT, November

2011. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN: 978-989-97060-2-6. PDF.

[17] João Coelho and Teresa Gonçalves. NXT Mindstorms e Aprendizagem por Reforço. In L. Rato and Teresa Gonçalves, editors, *JIUE'2011 – Jornadas de Informática da Universidade de Évora*, pages 129–137, Évora, PT, November 2011. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN: 978-989-97060-2-6. PDF.

[18] Miguel Gaspar, Teresa Gonçalves, and Paulo Quaresma. Text classification using semantic information and graph kernels. In *EPIA-11, 15th Portuguese Conference on Artificial Intelligence*, pages 790–802, Lisbon, PT, October 2011. ISBN 978-989-95618-4-7. PDF.

[19] Mário Gusmão, Ricardo Raminhos, and Teresa Gonçalves. Editor de Ecrãs de Informação. In L. Rato and Teresa Gonçalves, editors, *JIUE'2011 – Jornadas de Informática da Universidade de Évora*, pages 113–119, Évora, PT, November 2011. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN: 978-989-97060-2-6. PDF.

[20] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Named entity recognition using machine learning techniques. In *EPIA-11, 15th Portuguese Conference on Artificial Intelligence*, pages 818–831, Lisbon, PT, October 2011. ISBN 978-989-95618-4-7. PDF.

[21] João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Classificação de argumentos sintácticos – Aproximação preliminar. In L. Rato and Teresa Gonçalves, editors, *JIUE'2011 – Jornadas de Informática da Universidade de Évora*, pages 7–15, Évora, PT, November 2011. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN: 978-989-97060-2-6. PDF.

[22] Miguel Gaspar, Teresa Gonçalves, and Paulo Quaresma. Classificação de textos com métodos de núcleo para grafos. In José Saias, Luís Rato, and Teresa Gonçalves, editors, *JIUE'2010 – Jornadas de Informática da Universidade de Évora*, pages 51–58, Évora, PT, November 2010. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN 978-989-97060-0-2. PDF.

[23] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, Teresa Gonçalves, José Saias, and Paulo Quaresma. Extracção de informação aplicada ao domínio do Turismo. In José Saias, Luís Rato, and Teresa Gonçalves, editors, *JIUE'2010 – Jornadas de Informática da Universidade de Évora*, pages 59–66, Évora, PT, November 2010. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN 978-989-97060-0-2. PDF.

[24] Nuno Miranda, Ricardo Raminhos, Pedro Seabra, João Sequeira, Teresa Gonçalves, and Paulo Quaresma. Reconhecimento de Entidades Nomeadas com SVM. In José Saias, Luís Rato, and Teresa Gonçalves, editors, *JIUE'2010 – Jornadas de Informática da Universidade de Évora*, pages 9–17, Évora, PT, November 2010. Escola de Ciências e Tecnologia, Universidade de Évora. ISBN 978-989-97060-0-2. PDF.

[25] Teresa Gonçalves and Paulo Quaresma. Multilingual text classification through combination of monolingual classifiers. In *LOAIT'10 – 4th Workshop on Legal Ontologies and Artificial Intelligence Techniques*, pages 1–10, Florence, Italy, July 2010. PDF.

[26] Susana Docio, Teresa Gonçalves, and Paulo Quaresma. Identificación automática de idioma en textos multilingües. In *Procceedings of the XXXIX Simposio Internacional de la Sociedad Española de Lingüística*, February 2010.

[27] N. Miranda, R. Raminhos, P. Seabra, J. Saias, Teresa Gonçalves, and Paulo Quaresma. Automatic knowledge extraction from tourism textual descriptions applied to e-marketing and product promotion. In *ICTDM-09 – International Conference on Tourism Development and Management*, Kos Island, GR, September 2009. ISBN 978-9963-9799-0-5. PDF.

[28] N. Miranda, R. Raminhos, P. Seabra, J. Saias, Teresa Gonçalves, and Paulo Quaresma. Standardisation of hotel descriptions. In Luís Seabra Lopes, Nuno Lau, Pedro Mariano, and Luís Rocha, editors, *EPIA-09, 14th Portuguese Conference on Artificial Intelligence - New Trends in Artificial Intelligence*, pages 537–540, Aveiro, PT, October 2009. Springer-Verlag. ISBN 978-972-96895-4-3. PDF.

[29] Teresa Gonçalves and Paulo Quaresma. Evaluating preprocessing techniques in a text classification problem. In *XXV Congresso da Sociedade Brasileira de Computação*, pages 841–850, São Leopoldo, RS, BR, July 2005. SBC – Sociedade Brasileira de Computação. PDF.

[30] Teresa Gonçalves, Carlos Brito, and Fernando Moura-Pires. TV Audience Analysis and Prediction. In *CIMA-99, International ICSC Congress on Computational Intelligence: Methods and Applications*, Rochester, NY, US, June 1999.

[31] Teresa Gonçalves, Carlos Brito, and Fernando Moura-Pires. A TV Audience Prediction Model. In *PAKDD-99, 3rd Pacific-Asia Conference on Knowledge Discovery and Data Mining*, Beijing, CHIN, April 1999.

[32] Teresa Gonçalves and Fernando Moura-Pires. Using the ARQ function to classify unseen objects. In *4th International Conference on Information Systems Analysis and Synthesis*, Orlando, Florida, US, July 1998.

[33] Teresa Gonçalves and Fernando Moura-Pires. An Attribute Redundancy Measure for Clustering. In *AI-98, 12th Biennial Conference of the Canadian Society for Computational Studies of Intelligence*, Vancouver, BC, CAN, June 1998.

[34] Teresa Gonçalves and Fernando Moura-Pires. An information theory based clustering function. In *JOCLAD-97, V Jornadas de Classificação e Análise de Dados*, Porto, PT, October 1997.

[35] R. Azinhal, Teresa Gonçalves, Fernando Moura-Pires, and Carlos Queirós. Forecasting TV audiences. In *EPIA-97, Extraction of Knowledge from Data Bases Workshop*, Coimbra, PT, 1997.

[36] Teresa Gonçalves and Fernando Moura-Pires. Clustering integration through examples. In *AI-97, 8th Ireland Conference on Artificial Intelligence*, pages 191–198, Londonderry, Northern Ireland, UK, 1997.

7.5   Others

[1] 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.

[2] Teresa Gonçalves. COBWEB with new evaluation functions. In *ACAI-99, Advanced Course on Artificial Intelligence – Machine Learning and Applications*, Chania, Crete, GRC, July 1999. Student paper.

[3] Teresa Gonçalves and Carlos Damásio. BWMM (Basic Weak Membrane Model) – Um Algoritmo para Definição de contornos duma imagem. Technical Report UNL-DI 83/91, Departamento de Informática, FCT/UNL, 1991. In Portuguese.

[4] Carlos Damásio and Teresa Gonçalves. D-STAR – Um Modelo Distribuido de Computação. Technical Report UNL-DI 82/91, Departamento de Informática, FCT/UNL, 1991. In Portuguese.