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## Fernando Manuel Marques Batista

### Professor Auxiliar

Departamento de Ciências e Tecnologias da Informação (ISTA)



### Contactos

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### Currículo

Fernando Batista received his PhD in Computer Science and Engineering in 2011 from Instituto Superior Técnico (IST). He previously received the Mestre degree in Electrical and Computer Engineering in 2003 also from IST, and the Licenciado degree in in 1997 in Mathematics and Computer Sciences from Universidade da Beira Interior (UBI). He is currently a lecturer at Lisbon University Institute (ISCTE-IUL), where he also coordinated several courses, namely: Operating Systems, Probabilistic Learning for Natural Language Processing, Text Mining, and Computational Language Processing. He is the President of the ISCTE-IUL Pedagogical Council (2017-2019), and he has also been member of the Permanent Committee of the ISCTE-IUL Pedagogical Council (2015-2017), and member of the Pedagogical Committee of the ISTA School (2015-2017). He is also researcher at the Spoken Language Systems Lab of INESC-ID, Lisbon, where he has participated in several European and National projects. He coordinated the INESC-ID team in the SpeDial project during 2014 and 2015. He was the handbook chair of the EMNLP 2015 that was held in Lisbon in September 17-21. He has been part of the organisation team of the Lisbon Machine Learning Summer School (LXMLS) in 2016, 2017, 2018 and 2019; and was also member of the LxMLS technical staff from 2011 to 2015. He was member of the Program Committee of several international conferences. He is member of ISCA, and he is Senior Member of IEEE.

### Áreas de Investigação

Natural Language Processing

Text Mining

Machine Learning
Speech Processing
Operating Systems

## Qualificações Académicas

Universidade/Instituição	Tipo	Curso	Período
Instituto Superior Técnico (IST)	Doutoramento	Engenharia Informática	2011
Instituto Superior Técnico (IST)	Mestrado	Engenharia Electrotécnica e de Computadores	2003
Universidade da Beira Anterior	Licenciatura	Matemática/Informática	1997

## Unidades Curriculares Lecionadas (no ano lectivo corrente)

Ano Letivo	Semestre	Nome da Unidade Curricular	Coordenador
2018/2019	1º	Processamento Computacional da Língua	Sim
2018/2019	1º	Text Mining	Não
2018/2019	1º	Sistemas Operativos	Sim
2018/2019	2º	Aprendizagem Probabilística para Pln	Não

## Orientações

### • Dissertações de Mestrado

- Em curso

	Tipo de Orientação	Nome do Estudante	Tópico	Língua	Estado	Instituição
1	Co-Orientador	Sónia Alexandra Miranda Morais	Modelação de comentários em redes sociais sobre alojamento local	--	Em curso	ISCTE-IUL
2	Orientador	Soraia Alexandra Cardoso Filipe	Classificação de emoções em redes sociais	--	Em curso	ISCTE-IUL
3	Orientador	Marco Filipe Madeira Felgueiras	Classificação automática de empresas com base em informação não estruturada.	--	Em curso	ISCTE-IUL

4	Co-Orientador	Pedro Rafael da Costa Pedroso	Análise de reviews sobre restaurantes com base em dados provenientes de redes sociais	--	Em curso	ISCTE-IUL
5	Orientador	Ricardo Jorge Mendonça Frade	Tweetona	--	Em curso	ISCTE-IUL

#### - Terminadas

	Tipo de Orientação	Nome do Estudante	Tópico	Língua	Instituição	Ano de Conclusão
1	Co-Orientador	João Nuno Martins de Almeida	2Gather4Health: Web Crawling and Indexing System Implementation	Inglês	Instituto Superior Técnico	2018
2	Orientador	Diana Von-Haff Lopes Teixeira	Análise da Distribuição Espacio-temporal do interesse por uma marca nas redes sociais	Inglês	ISCTE-IUL	2018
3	Co-Orientador	Tiago João Aires Soares	Text Mining from CURRICULA	Português	ISCTE-IUL	2018
4	Co-Orientador	Ricardo Afonso Gomes António	Análise de Sentimento Baseada em Aspetos	Português	ISCTE-IUL	2017
5	Orientador	Fernando Manuel Dias Rebelo	Análise de Sentimento em Microblogs com base em Cascatas de Classificação	Português	ISCTE-IUL	2016
6	Orientador	Anzhela Zhusupova	Characterizing the Personality of Twitter Users Based on their Timeline Information	Inglês	ISCTE-IUL	2016
7	Co-Orientador	Luís Jorge Gregório Dias	Detecting Violent Excerpts in Movies using Audio and Video Features	Inglês	ISCTE-IUL	2016
8	Orientador	Marco Paulo Fernandes Vicente	"Detecting portuguese and english twitter user's gender"	Inglês	ISCTE-IUL	2015
9	Orientador	Gaspar Manuel Rocha Brogueira	Sistema Inteligente de Recolha e Armazenamento de Informação Proveniente do Twitter	Português	ISCTE-IUL	2015
10	Co-Orientador	Hugo Hermógenes Lopes da Costa Rosa	Topic Detection within Public Social Networks	Inglês	Instituto Superior Técnico, Universidade de Lisboa	2014
11	Orientador	Henrique Rodrigues Barbosa de Medeiros	Automatic detection of disfluencies in a corpus of univeristy lectures	Inglês	ISCTE-IUL	2014

## Total de Citações

Web of Science®	79
Scopus	257

## Publicações

### • Revistas Científicas

#### - Artigo em revista científica

1	Antonio, N., de Almeida, A., Nunes, Luis, Batista, F. & Ribeiro, R. (2018). Hotel online reviews: different languages, different opinions. <i>Information Technology and Tourism</i> . 18 (1-4), 157-185 - N.º de citações Web of Science®: 1 - N.º de citações Scopus: 3
2	Cabarrão, V., Moniz, H., Batista, F., Ferreira, J., Trancoso, I. & Mata, A. I. (2018). Cross-domain analysis of discourse markers in European Portuguese. <i>Dialogue and Discourse</i> . 9 (1), 79-106
3	Antonio, N., de Almeida, A. M., Nunes, Luis, Batista, F. & Ribeiro, R. (2018). Hotel online reviews: creating a multi-source aggregated index. <i>International Journal of Contemporary Hospitality Management</i> . 30 (12), 3574-3591
4	Moro, S., Rita, P., Oliveira, C., Batista, F. & Ribeiro, R. (2018). Leveraging national tourist offices through data analytics. <i>International Journal of Culture, Tourism, and Hospitality Research</i> . 12 (4), 420-426
5	Cabarrão, V., Moniz, H., Batista, F., Trancoso, I. & Mata, A. I. (2018). Adaptação acústico-prosódica entre falantes. <i>Revista da Associação Portuguesa de Linguística</i> . 4, 18-33
6	Rebelo, C., Pereira, I., Rosa, H., Batista, F. & Carvalho, J. P. (2017). Twitter: de espaço de mobilização a espaço de comentário. O caso do meet do Vasco da Gama. <i>Observatorio (OBS*)</i> . 11 (4), 19-41
7	Brogueira, G., Batista, F. & Carvalho, J. P. (2017). A smart system for twitter corpus collection, management and visualization. <i>International Journal of Technology and Human Interaction</i> . 13 (3), 13-32 - N.º de citações Web of Science®: 1 - N.º de citações Scopus: 1
8	Carvalho, J. P., Rosa, H., Brogueira, G. & Batista, F. (2017). MISNIS: an intelligent platform for Twitter topic mining. <i>Expert Systems with Applications</i> . 89, 374 - 388 - N.º de citações Web of Science®: 3 - N.º de citações Scopus: 5
9	Cabarrão, V., Moniz, H., Ferreira, J., Batista, F., Trancoso, I., Mata, Ana I....Curto, S. (2016). Classificação prosódica de marcadores discursivos. <i>Revista da Associação Portuguesa de Linguística</i> . 2, 69-75
10	Brogueira, G., Batista, F. & Carvalho, J. P. (2016). Using geolocated tweets for characterization of Twitter in Portugal and the Portuguese administrative regions. <i>Social Network Analysis and Mining</i> . 6 (1) - N.º de citações Web of Science®: 1 - N.º de citações Scopus: 2

11	Moniz, H., Batista, F., Mata, A. I. & Trancoso, I. (2014). Speaking style effects in the production of disfluencies. <i>Speech Communication</i> . 65, 20-35 - N.º de citações Web of Science®: 8 - N.º de citações Scopus: 11
12	Barreiro, A., Ling, W, Coheur, L., Batista, F. & Trancoso, I. (2014). Projetos sobre tradução automática do português no laboratório de sistemas de língua falada do INESC-ID. <i>Linguamática</i> . 6 (2), 75-85
13	Mata, Ana I., Moniz, H. & Batista, F. (2014). Comparing phrase-final patterns across speech styles and groups in European Portuguese. <i>Nouveaux Cahiers de Linguistique française</i> . 31 , 171-176
14	Batista, F. & Ribeiro, R. (2013). Sentiment analysis and topic classification based on binary maximum entropy classifiers. <i>Procesamiento del Lenguaje Natural</i> . 50, 77-84 - N.º de citações Scopus: 10
15	Batista, F., Moniz, H., Trancoso, I., Mamede, N. & Mata, A. I. (2012). Extending automatic transcripts in a unified data representation towards a prosodic-based metadata annotation and evaluation. <i>Journal of Speech Sciences</i> . 2 (2), 115-138
16	Batista, F., Moniz, H., Trancoso, I. & Mamede, N. (2012). Bilingual Experiments on Automatic Recovery of Capitalization and Punctuation of Automatic Speech Transcripts. <i>IEEE Transactions on Audio, Speech, and Language Processing</i> . 20 (2), 474-485 - N.º de citações Web of Science®: 18 - N.º de citações Scopus: 26
17	Batista, F., Caseiro, D., Mamede, N. & Trancoso, I. (2008). Recovering capitalization and punctuation marks for automatic speech recognition: case study for Portuguese broadcast news. <i>Speech Communication</i> . 50 (10), 847-862 - N.º de citações Web of Science®: 15 - N.º de citações Scopus: 25

## • Livros e Capítulos de Livros

### - Editor de livro

1	Abad, A., Ortega, António Teixeira, C. Mateo, C. Hinarejos, F. Perdigão...Mamede, N. (2016). <i>Advances in Speech and Language Technologies for Iberian Languages</i> . Springer International Publishing.
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### - Capítulo de livro

1	Rosa, H., Carvalho, J. P., Astudillo, R. & Batista, F. (2018). Page rank versus katz: is the centrality algorithm choice relevant to measure user influence in Twitter?. In Kóczy, László T.; Medina, Jesús (Ed.), <i>Interactions Between Computational Intelligence and Mathematics</i> . Studies in Computational Intelligence. Cham: Springer. - N.º de citações Scopus: 1
2	Vicente, M., Batista, F. & Carvalho, J. P. (2018). Gender detection of Twitter users based on multiple information sources. In Kóczy, László T. and Medina-Moreno, Jesús; Ramírez-Poussa, Eloísa (Ed.), <i>Interactions Between Computational Intelligence and Mathematics Part 2</i> . Studies in Computational Intelligence. (pp. 39-54 ). Cham: Springer International Publishing .

3	Vera Cabarrão, Trancoso, I., Mata, Ana I., Moniz, H. & Batista, F. (2016). Global analysis of entrainment in dialogues. In Alberto Abad and Alfonso Ortega and Antonio Teixeira and Carmen Mateo and Carlos Hinarejos and Fernando Perdigão and Fernando Batista and Nuno Mamede (Ed.), <i>Advances in Speech and Language Technologies for Iberian Languages: Third International Conference, IberSPEECH 2016, Lisbon, Portugal, November 23-25, 2016, Proceedings.</i> (pp. 215-223).: Springer International Publishing.
4	Mata, A. I., Moniz, H. & Batista, F. (2016). Stylistic variation in the intonation of European Portuguese teenagers and adults. In Meghan E. Armstrong and Nicholas C Henriksen and Maria del Mar Vanrell (Ed.), <i>Intonational Grammar in Ibero-Romance: Approaches across linguistic subfields.</i> (pp. 45-68). Amsterdam: John Benjamins Publishing Company.
5	M. Vicente, Batista, F. & João P. Carvalho (2016). Creating Extended Gender Labelled Datasets of Twitter Users. In Carvalho, Paulo Joao and Lesot, Marie-Jeanne and Kaymak, Uzay and Vieira, Susana and Bouchon-Meunier, Bernadette and Yager, R. Ronald (Ed.), <i>Information Processing and Management of Uncertainty in Knowledge-Based Systems: 16th International Conference, IPMU 2016, Eindhoven, The Netherlands, June 20 - 24, 2016, Proceedings, Part II.</i> (pp. 690-702).: Springer International Publishing. - N.º de citações Web of Science®: 1
6	Moniz, H., Batista, F., Mata, Ana I. & Trancoso, I. (2016). Towards automatic language processing and intonational labeling in European Portuguese. In Meghan E. Armstrong and Nicholas C Henriksen and Maria del Mar Vanrell (Ed.), <i>Intonational Grammar in Ibero-Romance: Approaches across linguistic subfields.</i> (pp. 227-248). Amsterdam: John Benjamins Publishing Company.
7	E. Ribeiro, Batista, F., Trancoso, I., J. Lopes, Ribeiro, R. & de Matos, D. (2016). Assessing User Expertise in Spoken Dialog System Interactions. In Abad, Alberto and Ortega, Alfonso and Teixeira, António and García Mateo, Carmen and Martínez Hinarejos, Carlos D. and Perdigão, Fernando and Batista, Fernando and Mamede, Nuno (Ed.), <i>Advances in Speech and Language Technologies for Iberian Languages: Third International Conference, IberSPEECH 2016, Lisbon, Portugal, November 23-25, 2016, Proceedings.</i> (pp. 245-254).: Springer International Publishing. - N.º de citações Scopus: 1
8	E. Ribeiro, Batista, F., Trancoso, I., Ribeiro, R. & de Matos, D. (2016). Automatic Detection of Hyperarticulated Speech. In Alberto Abad and Alfonso Ortega and Antonio Teixeira and Carmen Mateo and Carlos Hinarejos and Fernando Perdigão and Fernando Batista and Nuno Mamede (Ed.), <i>Advances in Speech and Language Technologies for Iberian Languages: Third International Conference, IberSPEECH 2016, Lisbon, Portugal, November 23-25, 2016, Proceedings.</i> (pp. 182-191).: Springer International Publishing. - N.º de citações Scopus: 1
9	Moura, J., Batista, F., Cardoso, E. & Nunes, Luis (2015). Intelligent management and efficient operation of big data. In Noor Zaman, Mohamed Elhassan Seliaman, Mohd Fadzil Hassan, Fausto Pedro Garcia Marquez (Ed.), <i>Handbook of Research on Trends and Future Directions in Big Data and Web Intelligence.</i> (pp. 105-129).: IGI Global.
10	M. Julião, J. Silva, A. Aguiar, Moniz, H. & Batista, F. (2015). Speech Features for Discriminating Stress Using Branch and Bound Wrapper Search. In Sierra-Rodríguez, José-Luis and Leal, José-Paulo and Simões, Alberto (Ed.), <i>Languages, Applications and Technologies.</i> (pp. 3-14).: Springer International Publishing. - N.º de citações Web of Science®: 2 - N.º de citações Scopus: 2
11	M. Vicente, João P. Carvalho & Batista, F. (2015). Using Unstructured Profile Information for Gender Classification of Portuguese and English Twitter Users. In Sierra-Rodríguez, José-Luis and Leal, José-Paulo and Simões, Alberto (Ed.), <i>Languages, Applications and Technologies.</i> (pp. 57-64).: Springer International Publishing. - N.º de citações Web of Science®: 2 - N.º de citações Scopus: 2

12	Moniz, H., Batista, F., Trancoso, I. & Mata, Ana I. (2011). Analysis of interrogatives in different domains. In Third COST 2102 International Training School (Ed.), Proceedings of the Third COST 2102 international training school conference on Toward autonomous, adaptive, and context-aware multimodal interfaces: theoretical and practical issues. (pp. 136-148). Caserta, Italy: Springer Berlin / Heidelberg.
13	Ribeiro, R., Batista, F., J. Paulo, Mamede, N. & Pinto, H. Sofia (2006). Cooking an Ontology. In Euzenat, Jérôme and Domingue, John (Ed.), Artificial Intelligence: Methodology, Systems, and Applications. (pp. 213-221): Springer Berlin Heidelberg. - N.º de citações Web of Science®: 10 - N.º de citações Scopus: 22
14	J. Baptista, Batista, F. & Mamede, N. (2006). Building a dictionary of anthroponyms. In Computational Processing of the Portuguese Language, Proceedings.
15	Batista, F. & Mamede, N. (2004). 7 - SuSana - Shallow Parsing With Preferences. In António Branco and Amália Mendes and Ricardo Ribeiro (Ed.), Language Technology for Portuguese: shallow processing tools and resources. Lisbon: Edições Colibri.

## • Conferências/Workshops e Comunicações

### - Publicação em atas de evento científico

1	Lopes-Teixeira, D., Batista, F. & Ribeiro, R. (2018). Spatio-temporal analysis of brand interest using social networks. In 13th Iberian Conference on Information Systems and Technologies (CISTI). Cáceres: IEEE. - N.º de citações Scopus: 1
2	Cabarrão, V., Batista, F., Moniz, H., Trancoso, I. & Mata, A. I. (2018). Acoustic-prosodic entrainment in structural metadata events. In Sekhar C.C., Rao P., Ghosh P.K., Murthy H.A., Yegnanarayana B., Umesh S., Alku P., Prasanna S.R.M., Narayanan S. (Ed.), 19th Annual Conference of the International Speech Communication, INTERSPEECH 2018. (pp. 2176-2180). Hyderabad: International Speech Communication Association.
3	Lopes-Teixeira, D., Batista, F. & Ribeiro, R. (2018). Discovering trends in brand interest through topic models. In 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. (pp. 245-252). Sevilha: SciTePress.
4	Barreiro, A. & Batista, F. (2018). Contractions: to align or not to align, that is the question. In First Workshop on Linguistic Resources for Natural Language Processing, Coling 2018. (pp. 122-130). Santa Fe: The Association for Computational Linguistics.
5	Pascoal, R., Ribeiro, R., Batista, F. & de Almeida, A. (2017). Adapting speech recognition in augmented reality for mobile devices in outdoor environments. In Ricardo Queirós and Mário Pinto and Alberto Simões and José Paulo Leal and Maria João Varanda (Ed.), 6th Symposium on Languages, Applications and Technologies (SLATE 2017). Porto: Schloss Dagstuhl- Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing. - N.º de citações Scopus: 1
6	Carvalho, J. P., Rosa, H. & Batista, F. (2017). Detecting relevant tweets in very large tweet collections: the London Riots case study. In 2017 IEEE International Conference on Fuzzy Systems, FUZZ 2017. Naples: IEEE. - N.º de citações Scopus: 2
7	Sousa, M., Trancoso, I., Moniz, H. & Batista, F. (2017). Prosodic exercises for children with ASD via virtual therapy. In Ana Londral, Ana Correia de Barros, Andreia Matos, Célia Sousa, Luís Garcia e Rita Oliveira (Ed.), Atas da Conferência Jornadas SUPERA 2017. (pp. 59-69): Sociedade Portuguesa de Engenharia de Reabilitação, Tecnologias de Apoio e Acessibilidade.

8	Solera-Ureña, R., Moniz, H., Batista, F., Cabarrão, R., Pompili, A., Astudillo, R....Trancoso, I. (2017). A semi-supervised learning approach for acoustic-prosodic personality perception in under-resourced domains. In 18th Annual Conference of the International Speech Communication Association, INTERSPEECH 2017. (pp. 929-933).: International Speech Communication Association.
9	Soares, C., Batista, F. & Ribeiro, R. (2017). A simplified method to enhance the analysis for new information systems in corporate environments. In 12th Iberian Conference on Information Systems and Technologies, CISTI 2017. (pp. 619-622). Lisbon: IEEE.
10	Barreiro, A. & Batista, F. (2016). Machine Translation of Non-Contiguous Multiword Units. In DiscoNLP 2016 - NAACL HLT 2016 Workshop on Discontinuous Structures in NLP. (pp. 22-30). San Diego, USA
11	F. Rebelo, Batista, F. & Ribeiro, R. (2016). Cascatas de Classificação de Sentimento em Microblogues. In INForum 2016, Gestão de Dados e Conhecimento. (pp. 203-214). Lisboa, Portugal
12	M. Vicente, Batista, F. & João P. Carvalho (2016). Improving Twitter gender classification using multiple classifiers. In Proc. of the 8th European Symposium on Computational Intelligence and Mathematics (ESCIM 2016). (pp. 121-127). Sofia, Bulgaria
13	Anat Lerner, Vered Silber-Varod, Batista, F. & Moniz, H. (2016). In search of the role's footprints in client-therapist dialogues. In Proceedings of the International Conference on Speech Prosody. (pp. 400-404). Boston, USA
14	A. Jusupova, Batista, F. & Ribeiro, R. (2016). Characterizing the Personality of Twitter Users based on their Timeline Information. In Atas da 16 Conferência da Associação Portuguesa de Sistemas de Informação. (pp. 292 - 299). Porto - N.º de citações Scopus: 1
15	Solera-Ureña, R., Moniz, H., Batista, F., Astudillo, R. F., Campos, J., Paiva, A....Trancoso, I. (2016). Acoustic-prosodic automatic personality trait assessment for adults and children. In Alberto Abad, Alfonso Ortega and Antonio Teixeira and Carmen Mateo and Carlos Hinarejos and Fernando Perdigão and Fernando Batista and Nuno Mamede (Ed.), Advances in Speech and Language Technologies for Iberian Languages. IberSPEECH 2016. Lecture Notes in Computer Science. (pp. 192-201).: Springer.
16	Dias, L., Brandão, T. & Batista, F. (2016). Detecting violence on movie excerpts - A machine-learning approach based on audio and video features. In André Zúquete and Nuno Preguiça (Ed.), INForum 2016. (pp. -----). Lisboa
17	Batista, F., Pedro Curto, Trancoso, I., Abad, A., J. Ferreira, E. Ribeiro...Ribeiro, R. (2016). SPA: web-based platform for easy access to speech processing modules. In Nicoletta Calzolari (Conference Chair) and Khalid Choukri and Thierry Declerck and Marko Grobelnik and Bente Maegaard and Joseph Mariani and Asuncion Moreno and Jan Odijk and Stelios Piperidis (Ed.), 10th Language Resources and Evaluation Conference - LREC 2016. Portorož (Slovenia)
18	E. Ribeiro, J. Ferreira, J. Olcoz, Abad, A., Moniz, H., Batista, F....Trancoso, I. (2015). Combining Multiple Approaches to Predict the Degree of Nateness. In Proc. of Interspeech 2015. Dresden, Germany - N.º de citações Scopus: 2
19	Hugo Rosa, João P. Carvalho, Ramon Astudillo & Batista, F. (2015). Detecting User Influence in Twitter: PageRank vs Katz, a case study. In 7th European Symposium on Computational Intelligence and Mathematics. (pp. 212-217). Cádiz, Spain
20	M. Vicente, Batista, F. & João P. Carvalho (2015). Twitter gender classification using user unstructured information. In Proc. of IEEE International Conference on Fuzzy Systems (FUZZ-IEEE). Istanbul, Turkey



21	J. Lopes, G. Salvi, G. Skantze, Abad, A., J. Gustafson, Batista, F....Trancoso, I. (2015). Detecting Repetitions in Spoken Dialogue Systems Using Phonetic Distances. In Proc. of Interspeech 2015. Dresden, Germany - N.º de citações Scopus: 5
22	M. Julião, J. Silva, A. Aguiar, Moniz, H., J. Ferreira & Batista, F. (2015). Speech Features for Discriminating Stress. In 10th Conference on Telecommunications, Conftele 2015. (pp. 11-14). Aveiro
23	Gaspar Brogueira, Batista, F. & João P. Carvalho (2015). Sistema Inteligente de Recolha, Armazenamento e Visualizacao de Informacao proveniente do Twitter. In Atas da 15 Conferência da Associacao Portuguesa de Sistemas de Informação. (pp. 535-556). Lisboa, Portugal
24	Batista, F. & João P. Carvalho (2015). Text based classification of companies in CrunchBase. In IEEE International Conference on Fuzzy Systems (FUZZ-IEEE2015). Istambul, Turkey - N.º de citações Scopus: 4
25	Gaspar Brogueira, Batista, F. & João P. Carvalho (2015). Arquitetura e Desenvolvimento de um Repositório de Tweets em Português Europeu. In Actas das 5as Jornadas de Informática da Universidade de Évora (JIUE 2015). Évora, Portugal
26	M. Julião, J. Silva, A. Aguiar, Moniz, H. & Batista, F. (2015). Speech Features for Discriminating Stress Using Branch and Bound Wrapper Search. In IV Symposium on Languages, Applications and Tecnologies (SLATE'15). (pp. 1-9). Madrid, Spain
27	Gaspar Brogueira, Batista, F. & João P. Carvalho (2015). Using Geolocated Tweets for Characterization of Portuguese Administrative Regions. In In Proc. of 18th AGILE International Conference on Geographic Information Science. Lisbon, Portugal
28	M. Vicente, João P. Carvalho & Batista, F. (2015). Using Unstructured Profile Information for Gender Classification of Portuguese and English Twitter users. In IV Symposium on Languages, Applications and Tecnologies (SLATE'15). (pp. 1-6). Madrid, Spain
29	Moniz, H., A. Pompilli, Batista, F., Trancoso, I., Abad, A. & C. Amorim (2015). Automatic recognition of prosodic patterns in semantic verbal fluency tests - an animal naming task for edutainment applications. In Proc. of ICPHS: 18th International Congress of Phonetic Sciences. Glasgow
30	Vera Cabarrão, Moniz, H., J. Ferreira, Batista, F., Trancoso, I. & Mata, Ana I. (2015). Prosodic classification of discourse markers. In Proc. of ICPHS: 18th International Congress of Phonetic Sciences. Glasgow
31	Gaspar Brogueira, Batista, F., João P. Carvalho & Moniz, H. (2014). Expanding a Database of Portuguese Tweets. In Maria João Varanda Pereira and José Paulo Leal and Alberto Simões (Ed.), 3rd Symposium on Languages, Applications and Technologies. (pp. 275-282). Dagstuhl, Germany: Schloss Dagstuhl--Leibniz-Zentrum fuer Informatik. - N.º de citações Scopus: 8
32	Moniz, H., Batista, F., Mata, Ana I. & Trancoso, I. (2014). Discriminação automática de sinais de pontuação e de disfluências. In Textos Seleccionados do XXIX Encontro Nacional da Associação Portuguesa de Linguística.
33	Hugo Rosa, Batista, F. & João P. Carvalho (2014). Twitter Topic Fuzzy Fingerprints. In WCCI2014, FUZZ-IEEE, 2014 IEEE World Congress on Computational Intelligence, International Conference on Fuzzy Systems. (pp. 776-783). Beijing, China - N.º de citações Web of Science®: 7 - N.º de citações Scopus: 16

34	<p>Hugo Rosa, João P. Carvalho &amp; Batista, F. (2014). Detecting a Tweet's Topic within a Large Number of Portuguese Twitter Trends. In Maria João Varanda Pereira and José Paulo Leal and Alberto Simões (Ed.), 3rd Symposium on Languages, Applications and Technologies. (pp. 185-199). Dagstuhl, Germany: Schloss Dagstuhl--Leibniz-Zentrum fuer Informatik.</p> <p>- N.º de citações Scopus: 11</p>
35	<p>Gaspar Brogueira, Batista, F., João P. Carvalho &amp; Moniz, H. (2014). Portuguese Geolocated Tweets: An Overview. In Proceedings of the International Conference on Information Systems and Design of Communication. (pp. 178-179). New York, NY, USA</p> <p>- N.º de citações Scopus: 3</p>
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### - Comunicação em evento científico

1	<p>Diana Lopes-Teixeira, Batista, F. &amp; Ribeiro, R. (2018). Discovering trends in brand interest through topic models. 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management.</p>
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5	<p>Anat Lerner, Vered Silber-Varod, Batista, F. &amp; Moniz, H. (2016). In search of the role's footprints in client-therapist dialogues. Proceedings of the International Conference on Speech Prosody. 400-404</p> <p>- N.º de citações Scopus: 2</p>
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8	<p>Dias, L., Brandão, T. &amp; Batista, F. (2016). Detecting violence on movie excerpts - A machine-learning approach based on audio and video features. INForum 2016. --, -----</p>
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12	<p>Vera Cabarrão, Trancoso, I., Mata, Ana I., Batista, F. &amp; Moniz, H. (2016). Global analysis of entrainment in dialogues. IberSPEECH 2016, Lisbon, Portugal, November 23-25, 2016.</p> <p>- N.º de citações Scopus: 1</p>

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## • Outras Publicações

### - Working paper

1	Batista, F. & Mamede, N. (2012). Recovering Capitalization and Punctuation Marks on Speech Transcriptions. PROPOR 2012 web site. 0-0
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### - Artigo no prelo (in press)

1	Moro, S., Batista, F., Rita, P., Oliveira, C. & Ribeiro, R. (2019). Are the States United? An analysis of US hotels' offers through TripAdvisor's eyes. Journal of Hospitality & Tourism Research.
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## Cargos de Gestão Académica

Coordenador da unidade curricular Sistemas Operativos de Código Aberto (2014)
Coordenador da unidade curricular Aprendizagem Probabilística para Pln (2015)
Coordenador da unidade curricular Sistemas Operativos (2016)
Coordenador da unidade curricular Processamento Computacional da Língua (2016)
Presidente do Conselho Pedagógico do ISCTE-IUL (2017 - 2019)
Presidente da Comissão Permanente do Conselho Pedagógico (2017 - 2019)
Presidente do Plenário do Conselho Pedagógico do ISCTE-IUL (2017 - 2019)
Coordenador da unidade curricular Sistemas Operativos de Código Aberto (2017)
Coordenador da unidade curricular Sistemas Operativos (2017)
Coordenador da unidade curricular Text Mining (2018)
Coordenador da unidade curricular Sistemas Operativos (2018)
Coordenador da unidade curricular Processamento Computacional da Língua (2018)

## Associações Profissionais

Senior member do IEEE (Desde 2016)
ISCA Speech (Desde 2008)

## Organização/Coordenação de Eventos

<b>Tipo de Organização/Coordenação</b>	<b>Título do Evento</b>	<b>Entidade Organizadora</b>	<b>Ano</b>
Membro de comissão organizadora de curso livre/escola de verão	LxMLS 2018	IT/L2F-INESC-ID	2018
Membro de comissão organizadora de curso livre/escola de verão	LxMLS 2017: 7th Lisbon Machine Learning School	IT/INESC-ID Lisboa	2017