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Curriculum

Vitor Basto Fernandes graduated in information systems management 1995 (including an internship at Ascom Tech AG - Switzerland), post-graduated in distributed systems in 1997 and got his PhD in informatics in 2006, all from University of Minho (Portugal), where he has also been teaching assistant. He worked at Integral Vision Inc (UK) as software engineer in 1996 and was co-founder of PSI-Information Systems Lda (Portugal) in 1997, where he was project manager in B2B e-commerce web based software development. From 2005 he has been lecturing at the University of Tras-os-Montes e Alto Douro (Portugal), and invited assistant professor in the same university in 2007 and 2008. In 2008 he joined the Informatics Engineering Department of Polytechnic Institute of Leiria (Portugal) as adjunct professor, where he has been coordinator professor between 2014 and 2016. He coordinated the MSc Program in Mobile Computing from 2010 to 2012, was head of the Research Center in Computer Science and Communications at Polytechnic Institute of Leiria between 2012 and 2016, and researcher in several international projects in the areas of information systems integration, anti-spam filtering and multiobjective optimization, and principal investigator of two funded FCT (the Portuguese national funding agency for science, research and technology) research projects in the areas of research management and research internationalization. He publishes regularly in top-tier journals and conference papers, and organized international events in the areas of his research interests. Vitor Basto-Fernandes is currently associate professor with habilitation at the University Institute of Lisbon.

Research Interests

Multicriteria Optimization
Search-Based Software Engineering
Semantic Web
Cyber Security

Academic Qualifications

University/Institution	Type	Degree	Period
Iscte - Instituto Universitario de Lisboa	Aggregation	Information Science and Technology (Habilitation)	2020
Universidade do Minho	PhD	Informatics	2006
Universidade do Minho	Post-graduation	Mobile Computing	2005
Universidade do Minho	Post-graduation	Computer networks and distributed systems	1997
Universidade do Minho	Licenciate	Information systems management	1995

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2026/2027	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2026/2027	2º	Agile Project Management		Yes
2026/2027	2º	Artificial Intelligence Applied for Business	Master Degree in Computer Science and Business Management;	Yes
2026/2027	2º	Cyber Threat Intelligence	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2026/2027	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2026/2027	1º	Search-Based Software Engineering	Master Degree in Computer Science and Business Management;	Yes
2025/2026	2º	Computational Intelligence and Optimization		Yes
2025/2026	2º	Agile Project Management		Yes
2025/2026	2º	Artificial Intelligence Applied for Business		Yes

2025/2026	1º	Software Architecture and Design		Yes
2025/2026	1º	Search-Based Software Engineering		Yes
2024/2025	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2024/2025	2º	Software Engineering	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2024/2025	2º	Agile Project Management	Master Degree in Computer Science and Business Management;	Yes
2024/2025	1º	Master Dissertation in Computer Science and Business Management		Yes
2024/2025	1º	Seminar in Computer Science and Business Management		Yes
2024/2025	1º	Process Modeling and Deployment		Yes
2024/2025	1º	Data in Science, Business and Society	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	No
2024/2025	1º	Software Engineering	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2024/2025	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2024/2025	1º	Master Dissertation in Computer Science and Business Management	Master Degree in Computer Science and Business Management;	Yes
2023/2024	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2023/2024	2º	Software Engineering	Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2023/2024	1º	Software Engineering	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2023/2024	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2022/2023	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	No

2022/2023	2º	Software Engineering	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2022/2023	1º	Software Engineering	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2022/2023	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2022/2023	1º	Software Engineering I		Yes
2021/2022	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2021/2022	2º	Software Engineering	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2021/2022	1º	Software Engineering	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2021/2022	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2021/2022	1º	Software Engineering I		Yes
2020/2021	2º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2020/2021	2º	Software Engineering	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2020/2021	1º	Software Engineering	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2020/2021	1º	Software Architecture and Design	Master Degree in Computer Engineering;	Yes
2019/2020	2º	Software Engineering II		Yes
2019/2020	1º	Ubiquitous Computing and Internet of Things		No
2019/2020	1º	Computational Intelligence and Optimization	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2019/2020	1º	Software Engineering I		Yes

2019/2020	1º	Integrated Business Intelligence Systems		No

Supervisions

• Post-doc Supervisions

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Soumen Atta	Multi-Criteria Green Healthcare Logistics through Operations Research	English	University of Jyväskylä, Finland	2025
2	Sandro Sawicki	--	Portuguese	Instituto Politécnico de Leiria	2017
3	David Ruano Ordás	--	English	Leiden Institute of Advanced Computer Science, University of Leiden	2017
4	David Ruano Ordás	--	Portuguese	Instituto Politécnico de Leiria	2016

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Maria Manuela Santos Mendes Cordeiro	Enhancing Agricultural Product Digital Identity with Blockchain and SSI	English	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Gabriela Roldán-Molina	Ontologies structure and content multicriteria optimization	English	University of Vigo	2023
2	Iñaki Velez de Mendizabal Gonzalez	Dimensionality reduction for the improvement of anti-spam filters	English	Iscte	2022
3	Daniela Lopes Freire	Task Scheduling for Application Integration - A Strategy for Large Volumes of Data	English	Iscte	2020

4	Daniela Lopes Freire	Task scheduling for application integration: A strategy for large volumes of data	English	Iscte	2020
5	Cássio Belusso	Decision support system for cloud computing operators selection to execute domain-specific language-based integration solutions	Portuguese	Universidade Regional do Noroeste do Estado do Rio Grande do Sul	2019

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Syed Hammad Ur Rehman Asghar	ITER: An Interactive Framework for Graph-Based Impact Analysis and Collaborative Schedule Repair of University Timetables	English	Delivered	Iscte
2	Lourenço de Carvalho Fernandes Valente dos Santos	Optimization as a Service: Platform for Planning Problems	English	Delivered	Iscte
3	Édi de Ari Alves Figueiras	Normas, ferramentas e políticas de Cyber threat intelligence	--	Developing	Iscte
4	Dário Santos da Cunha	Mecanismos de IA explicativa para problemas de otimização combinatória em alocação de recursos	--	Developing	Iscte
5	Walgidio Airton Torres Teixeira dos Santos	FAIR Dataset Manager: An advanced research data discovery toolwithin the EOSC/OpenAIRE ecosystem	Portuguese	Delivered	Iscte
6	Paulo César Marques Branco da Silva	Optimization and Decision in Software Engineering	--	Developing	Iscte
7	Duarte Salvador Laureano	Modernization of a monolythic legacy software to microservices: Healthcare application	--	Developing	Iscte
8	Leandro Shimada	Artificial Intelligence in Auditing: Advantages, Disadvantages, and Legal Boundaries	--	Developing	Iscte
9	Hugo Jorge Marques Carapinha Páscoa	Quality analysis in the design of university academic timetables	--	Developing	Iscte
10	Ronaldo Ferreira do Espirito Santo	Addressing large-scale software systems design quality with search-based software engineering approaches	--	Developing	Iscte
11	Carlos Eduardo Delgado Monteiro	Route Optimization for Non-Urgent Patient Transport in Portugal	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Ricardo Rodrigues Mororó	FAIR Research Data Management in Multi-Objective Optimisation: A Retrospective Data Curation Approach for University Timetabling	English	Iscte	2026
2	Maria do Rosário da Encarnação Carmo	Cybersecurity Information Sharing in the Banking Sector	Portuguese	Iscte	2025
3	Miguel de Carvalho Valentim	A Decision Support System for Land Consolidation: Graph Modeling and Multi-Objective Optimization	English	Iscte	2025
4	Bruno Miguel Antunes Teixeira Batista	Room allocation multicriteria optimization in university timetabling	English	Iscte	2025
5	Yzis Katila Sousa Pontes Julião Costa	Intelligent Land Management: The problem of the physical and economic dimension of properties in Portugaloptimization algorithms	Portuguese	Iscte	2024
6	Tiago Miguel Lopes Nunes	MyCODA: A Collaborative Knowledge Base Interface for the Many-Criteria Optimization and Decision Analysis Research Community	English	Iscte	2024
7	Marcelo Pasquini Brazil	Success factors in the migration from monolithic architectures to microservices	Portuguese	Iscte	2024
8	Allan Dhaniel da Conceição Wá	Information Systems Integration Platforms: A Comparative Study	English	Iscte	2024
9	Luís Marçal Antunes Picão Fernandes	Analysis of the Adoption of Blockchain Technology in Traceability in the Cattle Supply Chain	Portuguese	Iscte	2023
10	Adil Hanif Haji Ahmad	Automation of DevOps processes with RPA- qualitative research	English	Iscte	2023
11	Pedro Miguel Neves da Silva Mata	IMPACT OF PARTICIPATIVE LEADERSHIP ON EMPLOYEE INNOVATIVE WORK BEHAVIOR	English	Iscte	2023
12	Inês Gomes de Carvalho	Social media insights about Nutri-Score topic: a text mining approach	English	Iscte	2022
13	Miguel Salvador Pedroso	Enterprise Architecture in the Higher Education sector - A Case Study	English	Iscte	2021
14	Bruno Filipe Passos Ferraz Coutinho	Healthcare Systems Protection: All-in-one cybersecurity approach	English	Iscte	2021

15	Hugo Miguel Nogueira Mendes	Energy Consumption Forecasting - A Proposed Framework	English	Iscte	2020
16	André Filipe Ferreira de Almeida	Privacy and Personal Data Protection - Design of Safe and Private Business Processes in Organizations	Portuguese	Iscte	2020
17	Rúben André Sousa Beirão	A multiple criteria route recommendation system	English	Iscte	2020
18	Rúben André Sousa Beirão	A multiple criteria route recommendation system	English	Iscte	2020
19	André Filipe Ferreira de Almeida	Privacy and Personal Data Protection - Design of Safe and Private Business Processes in Organizations	Portuguese	Iscte	2020
20	Patrícia Raquel Gil Lisboa Saúde	Analytical Framework to Discover Churn Rate Insights	English	Iscte	2020
21	Hugo Miguel Nogueira Mendes	Energy Consumption Forecasting - A Proposed Framework	English	Iscte	2020
22	Ana Margarida Conceição Pipa	OWL Ontology quality assessment and optimization in the cybersecurity domain	Portuguese	Iscte	2018
23	Andrés Esteban Muñoz Onofa	--	Spanish/Castilian	Instituto Politécnico de Leiria	2017
24	Gabriela Roldán Molina	--	English	Instituto Politécnico de Leiria	2017
25	Alexsandro Queiroz Lencina	--	Portuguese	Universidade Regional do Noroeste do Estado do Rio Grande do Sul	2017
26	Fernando Sequeira	--	English	Instituto Politécnico de Leiria	2016
27	João Domingos	--	Portuguese	Iscte	2015
28	António Lopes	--	Portuguese	Instituto Politécnico de Leiria	2013
29	Ronaldo Filipe	--	Portuguese	Instituto Politécnico de Leiria	2013
30	Sidney Tomé	--	Portuguese	Instituto Politécnico de Leiria	2013
31	João Pereira	--	Portuguese	Instituto Politécnico de Leiria	2013

Total Citations

Web of Science®	384
Scopus	539

Publications

- **Scientific Journals**

- Scientific journal paper

1	Cordeiro, M., Ferreira, J. C., Elvas, L. & Fernandes, V. (2026). Blockchain-powered traceability in the wine industry: Enhancing transparency and consumer trust. Blockchain: Research and Applications, 7(6). https://doi.org/10.1016/j.bcra.2025.100405 - Times Cited Web of Science®: 2 - Times Cited Scopus: 4 - Times Cited Google Scholar: 6
2	Sherif, E., Yevseyeva, I., Basto-Fernandes, V. & Cook, A. (2026). Operationalising cyber risk management: Connecting cyber incidents to MITRE ATT&CK techniques, controls, and metrics. Cybersecurity and Cybercrime, 1(10), 29?53. https://doi.org/10.5604/01.3001.0055.8282
3	Freire, D. L., Frantz, R. Z., Basto-Fernandes, V., Battisti, G., Sawicki, S. & Roos-Frantz, F. (2025). Multi-queue Round Robin scheduling for enhanced performance in integration platforms. Revista Brasileira de Computação Aplicada, 17(3), 100?113. https://doi.org/10.5335/rbca.v17i3.16747
4	Sherif, E., Yevseyeva, I., Basto-Fernandes, V. & Cook, A. (2024). The smart approach to selecting good cyber security metrics. Journal of Internet Services and Information Security, 14(4), 312?330. https://doi.org/10.58346/JISIS.2024.I4.019 - Times Cited Web of Science®: 1 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
5	Velez de Mendizabal, I., Basto-Fernandes, V., Ezpeleta, E., Méndez, J. R., Gómez-Meire, S. & Zurutuza, U. (2023). Multi-objective evolutionary optimization for dimensionality reduction of texts represented by synsets. PeerJ Computer Science, 9. https://doi.org/10.7717/peerj-cs.1240 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
6	Mendizabal, I. V., Vidriales, X., Basto-Fernandes, V., Ezpeleta, E., Méndez, J. R. & Zurutuza, U. (2023). Deobfuscating leetspeak with deep learning to improve spam filtering. International Journal of Interactive Multimedia and Artificial Intelligence, 8(4), 46?55. https://doi.org/10.9781/ijimai.2023.07.003 - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 8

7	Coutinho, B., Ferreira, J., Yevseyeva, I. & Basto-Fernandes, V. (2023). Integrated cybersecurity methodology and supporting tools for healthcare operational information systems. Computers and Security, 129. https://doi.org/10.1016/j.cose.2023.103189 - Times Cited Web of Science®: 20 - Times Cited Scopus: 23 - Times Cited Google Scholar: 33
8	del Rocío Roldán-Molina, G., Yevseyeva, I., Gómez-Meire, S., Basto-Fernandes, V. & Ramón Méndez, J. (2022). Automatic knowledge exchange between ontologies and semantic graphs. Journal of Information Science, 51(2), 310?323. https://doi.org/10.1177/01655515221137874 - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 5
9	Frantz, R. Z., Roos-Frantz, F., Basto-Fernandes, V. & Freire, D. L. (2022). New developments in round robin algorithms and their applications: A systematic mapping study. International Journal of Business Process Integration and Management, 11(2), 90?108. https://doi.org/10.1504/IJBPIM.2022.10053820 - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
10	Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Basto-Fernandes, V. (2022). Task scheduling characterisation in enterprise application integration. The Journal of Supercomputing, 78(5), 6528?6566. https://doi.org/10.1007/s11227-021-04119-2 - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
11	Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Basto-Fernandes, V. (2022). Integration process simulator: A tool for performance evaluation of task scheduling of integration processes. Journal of Simulation, 16(6), 604?623. https://doi.org/10.1080/17477778.2022.2041989 - Times Cited Web of Science®: 2 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
12	Belusso, C. L. M., Sawicki, S., Basto-Fernandes, V., Frantz, R. Z. & Roos-Frantz, F. (2022). Selecting services in the cloud: a decision support methodology focused on infrastructure-as-a-service context. The Journal of Supercomputing, 78(6), 7825?7860. https://doi.org/10.1007/s11227-021-04248-8 - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 2
13	Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Basto-Fernandes, V. (2022). Queue-priority optimized algorithm: a novel task scheduling for runtime systems of application integration platforms. The Journal of Supercomputing, 78(1), 1501?1531. https://doi.org/10.1007/s11227-021-03926-x - Times Cited Web of Science®: 11 - Times Cited Scopus: 9 - Times Cited Google Scholar: 14
14	Frantz, R. Z., Corchuelo, R., Basto-Fernandes, V., RosaSequeira, F., RoosFrantz, F. & Arjona, J. L. (2021). A cloud-based integration platform for enterprise application integration: a model-driven engineering approach. Software: Practice and Experience, 51(4), 824?847. https://doi.org/10.1002/spe.2916 - Times Cited Web of Science®: 11 - Times Cited Scopus: 21 - Times Cited Google Scholar: 33

15	Freire, D. L., Mazzonetto, A., Frantz, R. Z., Roos-Frantz, F., Sawicki, S. & Basto-Fernandes, V. (2021). Performance evaluation of thread pool configurations in the run-time systems of integration platforms. International Journal of Business Process Integration and Management, 10(3-4), 318?329. https://doi.org/10.1504/IJBPIM.2021.124036 - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
16	Roldan-Molina, G., Ruano-Ordás, D., Basto-Fernandes, V. & Méndez, J. R. (2021). An ontology knowledge inspection methodology for quality assessment and continuous improvement. Data and Knowledge Engineering, 133. https://doi.org/10.1016/j.datak.2021.101889 - Times Cited Web of Science®: 16 - Times Cited Scopus: 17 - Times Cited Google Scholar: 35
17	Roldan-Molina, G. R., Méndez, J. R., Yevseyeva, I. & Basto-Fernandes, V. (2020). Ontology fixing by using software engineering technology. Applied Sciences, 10(18). https://doi.org/10.3390/app10186328 - Times Cited Web of Science®: 15 - Times Cited Scopus: 18 - Times Cited Google Scholar: 28
18	De Mendizabal, I. V., Basto-Fernandes, V., Ezpeleta, E,, Méndez, J. R. & Zurutuza, U. (2020). SDRS: a new lossless dimensionality reduction for text corpora. Information Processing and Management, 57(4). https://doi.org/10.1016/j.ipm.2020.102249 - Times Cited Web of Science®: 8 - Times Cited Scopus: 8 - Times Cited Google Scholar: 9
19	Ruano-Ordás, D., Yevseyeva, I., Basto-Fernandes, V., Méndez, J. R. & Emmerichd, M. T. M. (2019). Improving the drug discovery process by using multiple classifier systems. Expert Systems with Applications, 121, 292?303. https://doi.org/10.1016/j.eswa.2018.12.032 - Times Cited Web of Science®: 19 - Times Cited Scopus: 19 - Times Cited Google Scholar: 31
20	Zhao, J., Jiao, L., Liu, F., Basto-Fernandes, V., Yevseyeva, I., Xia, S....Emmerichd, M. T. M. (2018). 3D fast convex-hull-based evolutionary multiobjective optimization algorithm. Applied Soft Computing, 67, 322?336. https://doi.org/10.1016/j.asoc.2018.03.005 - Times Cited Web of Science®: 20 - Times Cited Scopus: 22 - Times Cited Google Scholar: 27
21	Zhao, J., Jiao, L., Xia, S., Basto-Fernandes, V., Yevseyeva, I., Zhou, Y....Emmerichd, M. T. M. (2018). Multiobjective sparse ensemble learning by means of evolutionary algorithms. Decision Support Systems, 111, 86?100. https://doi.org/10.1016/j.dss.2018.05.003 - Times Cited Web of Science®: 41 - Times Cited Scopus: 44 - Times Cited Google Scholar: 50
22	Ferreira, J. C., Marcelo, A., Basto-Fernandes, V. & Martins, A. L. (2018). Planning process for an operational management platform for a public transport. International Journal of Management and Applied Science, 4(3), 8?14.
23	Belusso, C. M. L., Sawicki, S., Basto-Fernandes, V., Frantz, R. Z. & Roos-Frantz, F. (2018). A proposal of Infrastructure-as-a-Service providers pricing model using linear regression. Revista Brasileira de Computação Aplicada, 10(2), 44?53. https://doi.org/10.5335/rbca.v10i2.7839 - Times Cited Google Scholar: 10

24	Basto-Fernandes, V., Yevseyeva, I., Méndez, J. R., Zhao, J., Fdez-Riverola, F. & Emmerichd, M. T. M. (2016). A spam filtering multi-objective optimization study covering parsimony maximization and three-way classification. Applied Soft Computing, 48, 111?123. https://doi.org/10.1016/j.asoc.2016.06.043 - Times Cited Web of Science®: 23 - Times Cited Scopus: 27 - Times Cited Google Scholar: 36
25	Zhao, J., Basto-Fernandes, V., Jiao, L., Yevseyeva, I., Maulana, A., Li, R....Emmerichd, M. T. M. (2016). Multiobjective optimization of classifiers by means of 3-D convex Hull based evolutionary algorithms. Information Sciences Journal, 367-368, 80?104. https://doi.org/10.1016/j.ins.2016.05.026 - Times Cited Web of Science®: 24 - Times Cited Scopus: 24 - Times Cited Google Scholar: 39
26	Ruano-Ordás, D., Fdez-Glez, J., Fdez-Riverola, F., Basto-Fernandes, V. & Méndez, J. R. (2016). RuleSIM: a toolkit for simulating the operation and improving throughput of rule-based spam filters. Software: Practice and Experience, 46(8), 1091?1108. https://doi.org/10.1002/spe.2342 - Times Cited Web of Science®: 3 - Times Cited Scopus: 5 - Times Cited Google Scholar: 4
27	Carriço, N., Varajão, J., Vitor Basto-Fernandes & Dominguez, C. (2014). Information architecture for IS function: a case study. International Journal of Human Capital and Information Technology Professionals, 5(2), 28?37. https://doi.org/10.4018/ijhcitp.2014040103 - Times Cited Scopus: 6 - Times Cited Google Scholar: 9
28	Basto-Fernandes, V., Yevseyeva, I. & Méndez, J. R. (2013). Optimization of anti-spam systems with multiobjective evolutionary algorithms. Information Resources Management Journal, 26(1), 54?67. https://doi.org/10.4018/irmj.2013010105 - Times Cited Web of Science®: 7 - Times Cited Scopus: 7 - Times Cited Google Scholar: 9
29	Yevseyeva, I., Vitor Basto-Fernandes, Ruano-Ordás, D. & Méndez, J. R. (2013). Optimising anti-spam filters with evolutionary algorithms. Expert Systems with Applications, 40(10), 4010?4021. https://doi.org/10.1016/j.eswa.2013.01.008 - Times Cited Web of Science®: 22 - Times Cited Scopus: 31 - Times Cited Google Scholar: 55
30	Yevseyeva, I., Vitor Basto-Fernandes & Grácio, José (2012). Review on multiobjective evolutionary algorithms and application in metal matrix composites. International Review of Mechanical Engineering, 6(3), 507?519. - Times Cited Scopus: 2 - Times Cited Google Scholar: 1
31	Yevseyeva, I., Melo, F: J. M. Q., Grácio, J. J. A. & Vitor Basto-Fernandes (2012). Indicator-based multi objective evolutionary algorithms and an application in filament winding process. International Review of Mechanical Engineering, 6(4), 886?895.
32	Grilo, R., Varajão, J., Vitor Basto-Fernandes & Pereira, A. (2010). Investigação em sistemas de informação organizacionais em Portugal: caracterização do período de 2004 a 2007. Encontros Bibli: Revista Eletrônica de Biblioteconomia e Ciência da Informação,, 41?55. https://doi.org/10.5007/1518-2924.2010v15nesp2p41 - Times Cited Google Scholar: 9

33	Vitor Basto-Fernandes (1997). Sistemas de Informação Inter-organizacionais - tecnologias e perspectiva organizacional. Revista da Associação Portuguesa de Sistemas de Informação,(7), 61?71.

- Review article

1	Atta, S., Basto-Fernandes, V. & Emmerich, M. (2025). A concise review of Home Health Care Routing and Scheduling Problem. Operations Research Perspectives, 15. https://doi.org/10.1016/j.orp.2025.100347 - Times Cited Web of Science®: 8 - Times Cited Scopus: 10 - Times Cited Google Scholar: 13

• Books and Book Chapters

- Book author

1	Vitor Basto-Fernandes (2005). Proceedings of The Fifth International Network Conference 2005 (INC 2005).

- Book chapter

1	Soumen Atta, Emmerichd, M. T. M. & Vitor Basto-Fernandes (2026). A Multicriteria Decision-Making Perspective on Healthcare Operations, Logistics and IT Interoperability. Computational Methods in Applied Sciences (pp. 227?271). Springer Nature Switzerland. https://doi.org/10.1007/978-3-032-21893-3_14 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 1
2	Basto-Fernandes, V., Salvador, D., Yevseyeva, I. & Emmerich, M. (2023). Many-criteria optimisation and decision analysis ontology and knowledge management. In Dimo Brockhoff, Michael Emmerich, Boris Naujoks, Robin Purshouse (Ed.), Many-criteria optimization and decision analysis: State-of-the-art, present challenges, and future perspectives (pp. 337?354). Springer Nature. https://doi.org/10.1007/978-3-031-25263-1_13 - Times Cited Google Scholar: 2
3	O'Neill, H., Langaro, D., Brito e Abreu, F., Almeida, F., Farinha, J., Domingues, L....Basto-Fernandes, V. (2023). COURSERA@Iscte 2021/22: Uma experiência de utilização de cursos online na formação presencial. In Joana Alexandre, Alexandra Almeida, Ana Espírito-Santo, Ana Lúcia Martins, Cecília Aguiar, Nádia Simões (Ed.), Exemplos de práticas pedagógicas e estratégias de inovação pedagógica no Iscte (pp. 64?92). Iscte - Instituto Universitário de Lisboa.
4	Vasyl Lytvyn, Victoria Vysotska, Nataliya Shakhovska, Vladyslav Mykhailyshyn, Mykola Medykovskyy, Ivan Peleshchak...Serhii Shcherbak (2020). A Smart Home System Development. Springer Advances in Intelligent Systems and Computing IV (pp. 804?830). https://doi.org/10.1007/978-3-030-33695-0_54 - Times Cited Scopus: 15 - Times Cited Google Scholar: 15
5	Bohdan Rusyn, Liubomyr Pohreliuk, Antonii Rzheuskyi, Roman Kubik, Yuriy Ryshkovets, Lyubomyr Chyrun...Vitor Basto-Fernandes (2020). The Mobile Application Development Based on Online Music Library for Socializing in the World of Bard Songs and Scouts' Bonfires. Springer Advances in Intelligent Systems and Computing IV (pp. 734?756). Springer International Publishing. https://doi.org/10.1007/978-3-030-33695-0_49 - Times Cited Scopus: 40 - Times Cited Google Scholar: 37

6	Rosa-Sequeira, F., Basto-Fernandes, V. & Frantz, R. Z. (2018). Enterprise application integration: Approaches and platforms to design and implement solutions in the cloud. Advances in Engineering Research (pp. 277?303). Nova Science Publishers. - Times Cited Google Scholar: 3
7	Vitor Basto-Fernandes, Ruano-Ordás, D., Basto-Fernandes, Vitor, Yevseyeva, I., Iryna Yevseyeva & Méndez, José Ramón (2017). Evolutionary Multi-objective Scheduling for Anti-Spam Filtering Throughput Optimization. In Francisco Javier Martínez de PisónRubén UrracaHéctor QuintiánEmilio Corchado (Ed.), Hybrid Artificial Intelligent Systems (pp. 137?148). Springer International Publishing. https://doi.org/10.1007/978-3-319-59650-1_12 - Times Cited Web of Science®: 1 - Times Cited Scopus: 4 - Times Cited Google Scholar: 5
8	Vitor Basto-Fernandes, Liu, Lai-Yee, Basto-Fernandes, Vitor, Yevseyeva, I., Iryna Yevseyeva, Kok, Joost...Emmerichd, M. T. M. (2017). Indicator-Based Evolutionary Level Set Approximation: Mixed Mutation Strategy and Extended Analysis. In José Manuel Ferrández VicenteJosé Ramón ¿?lvarez-SánchezFélix de la Paz LópezJavier Toledo MoreoHojjat Adeli (Ed.), Natural and Artificial Computation for Biomedicine and Neuroscience (pp. 146?159). Springer International Publishing. https://doi.org/10.1007/978-3-319-59740-9_15 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
9	Vitor Basto-Fernandes, Basto-Fernandes, Vitor, Yevseyeva, I., Iryna Yevseyeva, Deutz, André & Emmerichd, M. T. M. (2017). A Survey of Diversity Oriented Optimization: Problems, Indicators, and Algorithms. In Michael EmmerichAndré DeutzOliver SchützePierrick LegrandEmilia TantarAlexandru-Adrian Tantar (Ed.), EVOLVE A Bridge between Probability, Set Oriented Numerics and Evolutionary Computation VII (pp. 3?23). Springer International Publishing. https://doi.org/10.1007/978-3-319-49325-1_1 - Times Cited Web of Science®: 15 - Times Cited Scopus: 14 - Times Cited Google Scholar: 24
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11	Vitor Basto-Fernandes (2015). Semantic integration framework for resources identification. Improving Organizational Effectiveness with Enterprise Information Systems (pp. 205?219). IGI Global. https://doi.org/10.4018/978-1-4666-8368-6.ch013
12	Vitor Basto-Fernandes (2010). Nutritional Monitoring and Advising Information System for Healthcare Support. In Maria Manuela Cruz-CunhaAntonio J. TavaresRicardo Simoes (Ed.), Handbook of Research on Developments in E-Health and Telemedicine (pp. 636?651). IGI Global. https://doi.org/10.4018/978-1-61520-670-4.ch030 - Times Cited Scopus: 1 - Times Cited Google Scholar: 3

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Bruno Antunes-Batista, Soumen Atta, Vitor Basto-Fernandes, Iryna Yevseyeva, Yevseyeva, I. & Emmerichd, M. T. M. (2026). Multiobjective Optimization Approaches for Room Allocation in University Course Timetabling. Procedia Computer Science (pp. 663?670). Elsevier BV. https://doi.org/10.1016/j.procs.2026.03.037 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
2	Cordeiro, M., Basto-Fernandes, V., Silveirinha, J. & Ferreira, J. (2025). Enhancing agriculture products traceability towards sustainability. In Anu Bajaj, Pooja Manghirmalani Mishra, Ajith Abraham, Cengiz Kahraman (Ed.), Hybrid intelligent systems: 23rd International Conference on Hybrid Intelligent Systems (HIS 2023), Conference proceedings (pp. 476?486). Springer. https://doi.org/10.1007/978-3-031-78934-2_46 - Times Cited Google Scholar: 8
3	Vitor Basto-Fernandes, Yevseyeva, I., Iryna Yevseyeva, Ruano-Ordás, D., J. Zhao , Fdez-Riverola, F....Emmerichd, M. T. M. (2018). Quadcriteria optimization of binary classifiers: error rates, coverage, and complexity. In Alexandru-Adrian TantarEmilia TantarMichael EmmerichPierrick LegrandLenuta AlboaieHenri Luchian (Ed.), 6th International Conference on Evolutionary Computation, EVOLVE 2015 (pp. 37?49). Springer. https://doi.org/10.1007/978-3-319-69710-9_3 - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
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5	Roldán-Molina, G., Almache-Cueva, M., Silva-Rabadão, C., Yevseyeva, I. & Basto-Fernandes, V. (2017). A decision support system for corporations cybersecurity management. In Reis L.P.,Rocha A.,Alturas B.,Costa C.,Cota M.P. (Ed.), 12th Iberian Conference on Information Systems and Technologies, CISTI 2017. IEEE. https://doi.org/10.23919/CISTI.2017.7975826 - Times Cited Scopus: 7 - Times Cited Google Scholar: 14
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7	Belusso, C. L. M., Sawicki, S., Basto-Fernandes, V., Frantz, R. Z. & Roos-Frantz, F. (2017). Price modeling of IaaS providers - An approach focused on enterprise application integration. In Filipe J.,Hammoudi S.,Smialek M.,Camp O.,Filipe J. (Ed.), Proceedings of the 19th International Conference on Enterprise Information Systems (pp. 371?376). SCITEPRESS - Science and Technology Publications. https://doi.org/10.5220/0006371603710376 - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 3

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10	Vitor Basto-Fernandes (2016). Two-stages security controls selection. Procedia Technology (pp. 971?978). https://doi.org/10.1016/j.procs.2016.09.261 - Times Cited Web of Science®: 12 - Times Cited Scopus: 12 - Times Cited Google Scholar: 19
11	Basto-Fernandes, V. (2015). An EAI based integration solution for science and research outcomes information management. In Olivier Camp, José Cordeiro (Ed.), CEIS 2015 - Proceedings of the 17th International Conference on Enterprise Information Systems (pp. 894?901). Elsevier. https://doi.org/10.1016/j.procs.2015.08.604 - Times Cited Web of Science®: 4 - Times Cited Scopus: 3 - Times Cited Google Scholar: 7
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15	Basto-Fernandes, V., Frantz, R., Sawicki, S., Roos-Frantz, F., Corchuelo, R. & Hernández, I. (2014). Desafios para a Implantação de Soluções de Integração de Aplicações Empresariais em Provedores de Computação em Nuvem. Anais do Salão do Conhecimento UNIJUÍ. UNIJUI. - Times Cited Google Scholar: 9

16	Pragosa, M. & Basto-Fernandes, V. (2012). Semantic integration for food sales analysis. In João Varajão, Manuela Cunha, Phillip Yetton, Rui Rijo (Ed.), 4th Conference on ENTERprise Information Systems (CENTERIS) - Aligning Technology, Organizations and People / International Conference on Health and Social Care Information Systems and Technologies (HCIST) (pp. 581?588). Elsevier. https://doi.org/10.1016/j.protcy.2012.09.064
17	Henriques, D., Basto-Fernandes, V., Seco, A., Felgueiras, M. & Pereira, A. (2012). LOSTE - Location Oriented System Technology for the Elder. 4th Conference on ENTERprise Information Systems (CENTERIS) - Aligning Technology, Organizations and People / International Conference on Health and Social Care Information Systems and Technologies (HCIST) (pp. 575?580). Elsevier. https://doi.org/10.1016/j.protcy.2012.09.063
18	Vitor Basto-Fernandes (2011). Survey on anti-spam single and multi-objective optimization. Communications in Computer and Information Science (pp. 120?129). https://doi.org/10.1007/978-3-642-24355-4_13 - Times Cited Scopus: 7 - Times Cited Google Scholar: 11
19	Vitor Basto-Fernandes (2005). SCTP extensions for time sensitive traffic. Proceedings of Fifth International Network Conference – INC 2005. - Times Cited Scopus: 8 - Times Cited Google Scholar: 15

- Conference proceedings editor

1	A. Pereira, C. Rabadão, P. Domingues & Vitor Basto-Fernandes (2013). A Internet do Futuro - 13ª Conferência sobre Redes de Computadores (CRC 2013). Instituto Politécnico de Leiria.

- Talk

1	Vitor Basto-Fernandes, Diederick Vermetten & Carola Doerr (2025). Data Management in Black-Box Optimization Research. Seminar RO Series, Sorbonne University - Paris,.
2	Vitor Basto-Fernandes, Diederick Vermetten & Carola Doerr (2025). A Knowledge Management Open Science Approach for Black-Box Optimization Benchmarking. PGMO DAYS 2025,.
3	Vitor Basto-Fernandes (2024). Multicriteria Optimization Benchmarking Knowledge Engineering. Modern Machine Learning Technologies & Data Science Workshop (MoMLeT & DS Workshop 2024),.
4	Vitor Basto-Fernandes (2022). Digital Health Talks II: Cyber Security in the Health Care Sector - Challenges for the Future. Cadernos de saúde societal, N.º 3 2022, Transformação Digital e Inclusão na Saúde - Iscte,.
5	Vitor Basto-Fernandes (2019). Evolutionary Multicriteria Optimization and Applications in Software Engineering. University of Vigo, PhD Program on Intelligent and Adaptable Software Systems - Seminars,.
6	Vitor Basto-Fernandes (2019). Cyber Security Portfolio Selection under Limited Budget Constraints. De Montfort University, Faculty of Computing, Engineering and Media - Software Technology Research Laboratory Seminars,.
7	Vitor Basto-Fernandes (2019). Evolutionary Multiobjective Optimization Algorithms and Applications in Cyber Security. University of Mondragon - Data Analysis and Cybersecurity Research Group Seminars,.

8	Vitor Basto-Fernandes (2018). Ontologies quality assessment and multicriteria optimization. COLINS 2018 (International Conference on Computational Linguistics and Intelligent Systems),.
9	Vitor Basto-Fernandes, Iryna Yevseyeva & Michael Emmerich (2018). Evolutionary multi-objective scheduling for anti-spam filtering throughput optimization. 29th European Conference on Operational Research,. https://doi.org/ISBN 978-84-09-02938-9
10	Vitor Basto-Fernandes & Vitor Basto-Fernandes (2013). Computer Science and Communications Research Center Polytechnic Institute of Leiria: Overall perspective 2009/12 & Vision 2014/20. 13ª Conferência sobre Redes de Computadores (CRC),.
11	Vitor Basto-Fernandes (2012). Optimization and Machine Learning @ Leiria. Seminar on Optimization and Machine Learning @ Leiria,.
12	Vitor Basto-Fernandes (2010). Monitorização Nutricional para suporte à Decisão em Saúde Pública. 3a Reunião anual do PortFIR/EuroFIR,.
13	Vitor Basto-Fernandes (2009). Pervasive nutritional monitoring and advising system - NutriMe. e-Saúde 2009, Encontro de Tecnologias de Informação na Saúde, 25-26/Jul/2009,.
14	Vitor Basto-Fernandes (2009). m-Commerce e PortFIR/EuroFIR. 2.a Reunião PortFIR/EuroFIR - 22/Outubro/2009,.
15	Vitor Basto-Fernandes (2008). Pervasive nutritional monitoring and advising system - NutriMe. i- Techpartner Communication & Mobile Applications Forum, Stockholm – Sweden, 28-29/April/2008.,.
16	Vitor Basto-Fernandes (2006). Serviços de transporte para tráfego multimédia adaptativo sobre redes de longas distâncias - uma arquitectura distribuída. Simpósio Doutoral do Departamento de Informática - SDDI 2006, 22/24-Fev-2006,.
17	Vitor Basto-Fernandes (2003). Adaptação de qualidade de serviço intermédia ao nível de transporte. Simpósio Doutoral do Departamento de Informática - SDDI 2003,.
18	Vitor Basto-Fernandes (2003). Investigação em Sistemas e Tecnologias de Informação. Ciclo de palestras subordinadas ao tema – Investigação em Sistemas de Informação, 15/Abr/2003,.
19	Vitor Basto-Fernandes (2001). Uma arquitectura distribuída para adaptação de qualidade de serviço ao nível de transporte. Workshop “Qualidade de serviço em redes de computadores - QoS II”, 24/Jan/2001,.
20	Vitor Basto-Fernandes (2000). Sistemas de Informação Inter-organizacionais. Seminários ISCTEM (Instituto Superior de Ciência e Tecnologia), 13/Set/2000,.
21	Vitor Basto-Fernandes (2000). Mecanismos para adaptação de qualidade de serviço ao nível de transporte. Workshop “Qualidade de serviço em redes de computadores - QoS II”, 21/Mar/2000,.
22	Vitor Basto-Fernandes (2000). Segurança ao nível das aplicações em sistemas distribuídos. Seminários ISCTEM (Instituto Superior de Ciência e Tecnologia), 20/Set/2000,.
23	Vitor Basto-Fernandes (2000). Tecnologias de comunicação e redes de computadores. Seminários ISCTEM, 4/Out/2000,.

24	Vitor Basto-Fernandes (2000). Doctoral Consortium, Conferência da Associação Portuguesa de Sistemas de Informação. Doctoral Consortium, Conferência da Associação Portuguesa de Sistemas de Informação, 25/Out/2000,.
25	Vitor Basto-Fernandes (2000). Tecnologias de suporte ao comercio electrónico. Seminários ISLA - Instituto Superior de Línguas e Administração, 27/Jan/2000,.
26	Vitor Basto-Fernandes (1999). Qualidade de serviço ao nível de transporte sobre ligações de longa distância. Workshop “Qualidade de serviço em redes de computadores - QoS II”, 8/Nov/1999,.

• Other Publications

- Other publications

1	Vitor Basto-Fernandes (2022). Cadernos de Saúde Societal: Transformação Digital e Inclusão na Saúde. Cadernos de Saúde Societal: Transformação Digital e Inclusão na Saúde,(3).
2	Ferreira, J., Marcelo, A., Vitor Basto-Fernandes & Martins, A. (2018). PLANNING PROCESS FOR AN OPERATIONAL MANAGEMENT PLATFORM FOR A PUBLIC TRANSPORT. ISER 97th International Conference,.
3	Vitor Basto-Fernandes (2013). Sociotechnical Enterprise Information Systems Design and Integration. Edição técnica,. https://doi.org/10.4018/978-1-4666-3664-4
4	Maria Manuela Cruz-Cunha, Varajão, J., Helmut Krcmar & Vitor Basto-Fernandes (2013). Book of industry papers, poster papers and abstracts of the CENTERIS 2013 - Conference on Enterprise Information Systems/ProjMAN 2013 - International Conference on Project MANagement/HCist 2013 - International Conference on Health and Social Care Information Systems and Technologies. Edição técnica,.
5	Vitor Basto-Fernandes (2012). Customer Relationship Management and the Social and Web Semantic. Edição técnica,. https://doi.org/10.4018/978-1-61350-044-6
6	Vitor Basto-Fernandes (2011). E-Business Managerial Aspects, Solutions and Case Studies. Edição técnica,. https://doi.org/10.4018/978-1-60960-463-9
7	Vitor Basto-Fernandes (2011). Innovations in SMEs and Conducting E-Business, Technologies, Trends and Solutions. Edição técnica,. https://doi.org/10.4018/978-1-60960-765-4 - Times Cited Scopus: 1
8	Vitor Basto-Fernandes (2011). E-Business Issues, Challenges and Opportunities for SMEs – Driving Competitiveness. Edição técnica,. https://doi.org/10.4018/978-1-61692-880-3 - Times Cited Scopus: 8

- Report

1	Conceição, C. P., Patrício, M. T. & Basto-Fernandes, V. (2018). Conhecimento dos serviços da FCCN junto da comunidade científica e tecnológica nacional: um inquérito por questionário..

Research Projects

Project Title	Role in Project	Partners	Period
University Community Engagement in Technologies for Sustainability: a Social Architecture.	Researcher	ISTAR-Iscte (RAISE) - Leader, BRU-Iscte, CIS-Iscte	2019 - 2021

Academic Management Positions

Sub-diretor (2025)
Unit/Area: Master Degree in Computer Science and Business Management

Coordenador do 2º Ano (2024 - 2025)
Unit/Area: Master Degree in Computer Science and Business Management

Director (2024 - 2025)
Unit/Area: Master Degree in Computer Science and Business Management

Coordenador do 1º Ano (2024 - 2025)
Unit/Area: Master Degree in Computer Science and Business Management

Vice-Presidente (2023 - 2026)
Unit/Area: Ethics Committee

Coordenador do 3º Ano (2021)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 3º Ano (2021)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Vice-Presidente (2020 - 2023)
Unit/Area: Ethics Committee

Coordenador do 3º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 3º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Coordenador do 3º Ano (2018 - 2019)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Coordenador do 3º Ano (2018 - 2019)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 3º Ano (2017 - 2018)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 3º Ano (2017 - 2018)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Awards

Scientific Awards of ISCTE-IUL 2019 for the publication of "Multiobjective sparse ensemble learning by means of evolutionary algorithms" paper in Elsevier Decision Support Systems Journal (Q1 indexed journal of Web of Science and Top 5% indexed Scimago). (2019)

Scientific Awards of ISCTE-IUL 2019 for the publication of "Improving the drug discovery process by using multiple classifier systems" paper in Elsevier Expert Systems with Applications Journal (Top 10% indexed journal of Web of Science and Top 5% indexed Scimago). (2019)
Scientific Awards of ISCTE-IUL 2019 for the publication of "3D fast convex-hull-based evolutionary multiobjective optimization algorithm" paper in Elsevier Applied Soft Computing Journal (Top 5% indexed journals, Web of Science and Scimago). (2019)
Scientific Awards of ISCTE-IUL 2017 for the publication of "Multiobjective Optimization of Classifiers by Means of 3-D Convex Hull Based Evolutionary Algorithms" paper in Elsevier Information Sciences Journal (Top 5% indexed journals, Web of Science and Scimago). (2017)
Scientific Awards of ISCTE-IUL 2017 for the publication of "A spam filtering multi-objective optimization study covering parsimony maximization and three-way classification" paper in Elsevier Applied Soft Computing Journal (a Top 5% indexed journals, Web of Science and Scimago). (2017)
Poliempreende Entrepreneurship Award for Spin-Off creation. (2010)
FINICIA – Enterpreneuship / Innovation award. (2010)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event committee	Genetic and Evolutionary Computation Conference (GECCO-2021)	Krzysztof Krawiec	2021
Member of scientific event's organizing committee	3rd International Workshop on Modern Machine Learning Technologies & Data Science (MoMLeT & DS 2021)	Vasyl Lytvyn, Michael Emmerich, Victori Vysotska, Vitor Basto-Fernandes, Volodymyr Lytvynenko	2021
Member of scientific event committee	5th International Conference on Computational Linguistics and Intelligent Systems (COLINS 2021)	Natalia Sharonova, Vasyl Lytvyn	2021
Member of scientific event's organizing committee	Modern Machine Learning Technologies Workshop (MoMLeT 2019)	Michael Emmerich, Vitor Basto-Fernandes	2019
Member of scientific event's organizing committee	Software Systems Engineering Workshop	Vitor Basto-Fernandes	2019

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Member of scientific journal editing staff	Scientific Programming	1875-919X / Q3	2020 - 2021	English