Catarina Ferreira da Silva

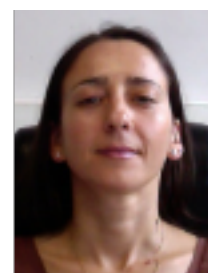**Professora Associada (com Agregação)**
Department of Information Science and Technology (ISTA)

Director
ISTAR-IUL - Information Sciences, Technologies and Architecture Research Center (ISTA)

Integrated Researcher
ISTAR-IUL - Information Sciences, Technologies and Architecture Research Center (ISTA)
[Information Systems]

Contacts

E-mail	Catarina.Ferreira.Silva@iscte-iul.pt
Office	D6.19
Telephone	217650592 (Ext: 222341)

Curriculum

Catarina Ferreira da Silva, PhD in Informatics (2007), is Associate Professor (2021) with Habilitation in Information Sciences and Technologies (2020), Information Systems at the Department of Information Science and Technology of the University Institute of Lisbon (ISCTE-IUL). She is the Director of the Information Sciences, Technologies and Architecture Research Centre (ISTAR-Iscte) and the Director of the Master programme in Information Systems Management of the Department of Information Science and Technology of the University Institute of Lisbon (Iscte), Portugal. She is integrated member of the Information Systems group of the research centre ISTAR. She is member of the Expert Panel of the European Blockchain Observatory and Forum, since 2020. The EU Blockchain Observatory & Forum is an initiative sponsored by the European Commission, Directorate-General of Communications Networks, Content & Technology. She was research member of the Information Systems (IS) research group of the Centre for Informatics and Systems of the University of Coimbra (CISUC), between 2009-2023 (Portugal). She had the pleasure to co-supervise 5 defended PhD and has the pleasure to co-supervise 3 ongoing PhD students. Between 2013 and September 2019 she was Associate Professor at the Informatics Engineering Department of the Lyon 1 University Institute of Technology La Doua (IUT Doua), Campus LyonTech-La Doua, France. She was also researcher member of the Service-Oriented Computing (SOC) team of the CNRS Laboratory of Informatics on Images and Information Systems (LIRIS UMR 5205) of Lyon, France. She was research assistant, at the University of Coimbra, member of the IS research group of the CISUC between 2009 and 2012. In 2008 and

2009, she was teacher at the Informatics Department of the University of Lyon 1, France and researcher member of the SOC research team of the LIRIS UMR 5205. Between 2004 and 2007, during the preparation of her PhD in Informatics, she worked as researcher at the Information Technology and Knowledge Dissemination Department (Division of Innovation and Services) of the Scientific and Technical Centre for Building (CSTB) at Sophia Antipolis, France. From 2004 to 2006 she was teaching assistant at the Informatics Department of the University Institute of Technology (IUT) of Nice and Sophia-Antipolis, France. She studied at the University of Aveiro, Portugal (pre-Bolonha Engineering degree, 1994-1999), at the University of Coimbra, Portugal (post-graduation, 2001-2002), at the Institut National des Sciences Appliquées de Lyon (master's degree - Information Systems, 2002-2003) and at the University of Lyon 1 (PhD in Informatics, 2004-2007).

Research Interests

Information Systems
Decentralised Ledger Technologies
Web 3.0
Blockchains
Digital Twins
Metaverse
Interoperability of Information Systems
Semantic Web Ontologias

Academic Qualifications

University/Institution	Type	Degree	Period
University Institute of Lisbon (ISCTE-IUL)	Aggregation	Habilitation in Information Science and Technology	2020
ISCTE-Instituto Universitário de Lisboa	Aggregation	Ciências e Tecnologias de Informação	2020
Universidade Claude Bernard Lyon 1	Post-Doc	Informatics	2008
Université Claude Bernard Lyon 1	PhD	Doutoramento Informática	2007
Universidade Claude Bernard Lyon 1	PhD	PhD in Informatics	2007
Institut National des Sciences Appliquées (INSA) de Lyon	M.Sc.	Masters' Degree in Informatics – Information Systems	2003
Institut National des Sciences Appliquées de Lyon	Advanced Studies	Mestrado em Informática	2003
Universidade de Coimbra	Post-graduation	Informatics Engineering	2002
University of Aveiro	Licenciate	Engineering	1999

External Professional Activities

Period	Employer	Country	Description
2013 - 2019	University Claude Bernard of Lyon, France	France	
2012 - 2013	University Claude Bernard of Lyon, France	France	
2009 - 2012	University of Coimbra	Portugal	
2006 - 2008	University Claude Bernard of Lyon, France	France	
2004 - 2006	University Institute of Technology of Nice and Sophia-Antipolis Côte d'Azur	France	
2003 - 2006	Centre of Scientific and Technical Construction	France	Researcher contract with CSTB, as a doctoral student at the LIRIS laboratory, Claude Bernard Lyon University 1, Lyon, partially funded by the Association Nationale de Recherche et Technologie (ANRT)
1999 - 2001	Aldeia e Irmão, S.A.	Portugal	

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2024/2025	2º	Strategic Management and Organizational Information Systems	Post Graduation Program in Information Systems Development; Master Degree in Information Systems Management; Post Graduation Program in Applied Informatics to the Organizations;	Yes
2024/2025	2º	Benefit Management and Information System Governance	Master Degree in Information Systems Management;	Yes
2024/2025	2º	Blockchain	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2024/2025	2º	Information System Design and Development	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	Yes
2024/2025	1º	Strategic Management and Organizational Information Systems	Post Graduation Program in Information Systems Development; Master Degree in Information Systems Management; Post Graduation Program in Applied Informatics to the Organizations;	Yes
2024/2025	1º	Information Technology and Knowledge Management	Post Graduation Program in Information Systems Development; Master Degree in Information Systems Management; Post Graduation Program in Applied Informatics to the Organizations;	Yes

2024/2025	1º	Information System Design	Master Degree in Information Systems Management;	Yes
2024/2025	1º	Seminar in Information System Management 2	Master Degree in Information Systems Management;	Yes
2024/2025	1º	Dissertation in Information System Management	Master Degree in Information Systems Management;	Yes
2024/2025	1º	Data Storage in Distributed Systems	Master Degree in Telecommunications and Computer Engineering;	Yes
2023/2024	2º	Benefit Management and Information System Governance	Master Degree in Information Systems Management;	Yes
2023/2024	2º	Information System Design and Development	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	Yes
2023/2024	1º	Information System Design	Master Degree in Information Systems Management;	Yes
2023/2024	1º	Seminar in Information System Management 2	Master Degree in Information Systems Management;	Yes
2023/2024	1º	Dissertation in Information System Management	Master Degree in Information Systems Management;	Yes
2023/2024	1º	Data Storage in Distributed Systems	Master Degree in Telecommunications and Computer Engineering;	Yes
2022/2023	2º	Strategic Management and Organizational Information Systems	Post Graduation Program in Information Systems Development; Master Degree in Information Systems Management; Post Graduation Program in Applied Informatics to the Organizations;	Yes
2022/2023	2º	Seminar in Information System Management 1	Master Degree in Information Systems Management;	Yes
2022/2023	2º	Benefit Management and Information System Governance	Master Degree in Information Systems Management;	Yes
2022/2023	2º	Dissertation in Information System Management	Master Degree in Information Systems Management;	Yes
2022/2023	2º	Information System Design and Development	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	Yes

2022/2023	1º	Strategic Management and Organizational Information Systems	Post Graduation Program in Information Systems Development; Master Degree in Information Systems Management; Post Graduation Program in Applied Informatics to the Organizations;	Yes
2022/2023	1º	Seminar in Information System Management 1	Master Degree in Information Systems Management;	Yes
2022/2023	1º	Information System Design	Master Degree in Information Systems Management;	Yes
2022/2023	1º	Seminar in Information System Management 2	Master Degree in Information Systems Management;	Yes
2022/2023	1º	Dissertation in Information System Management	Master Degree in Information Systems Management;	Yes
2022/2023	1º	Data Storage in Distributed Systems	Master Degree in Telecommunications and Computer Engineering;	Yes
2021/2022	2º	Information System Design and Development	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	Yes
2021/2022	1º	Data Storage in Distributed Systems	Master Degree in Telecommunications and Computer Engineering;	Yes
2020/2021	2º	Information System Design and Development	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	Yes
2020/2021	1º	Data Storage in Distributed Systems	Master Degree in Telecommunications and Computer Engineering;	Yes
2019/2020	2º	Iot for Smart Cities	Postgraduate Seminar in IoT for Smart Cities;	No
2019/2020	2º	Distributed Information Systems		No

Supervisions

- **Ph.D. Thesis**
  - **Ongoing**

Student Name	Title/Topic	Language	Status	Institution

1	Rubia Scrocaro	Confiança e Sustentabilidade na Tramitação de Processos Electrónicos Jurídicos capacitada por Blockchain	Portuguese	Developing	ISCTE-IUL
2	Filipe Nuno Rocha Aniceto Pinto	People - Centered DLT-IoT Architecture	English	Developing	ISCTE-IUL

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Léo Besançon	Interoperability of blockchains systems	English	Universidade de Lyon 1	2021
2	Mouna Labiadh	Methodology for construction of adaptive models for the simulation of energy consumption in buildings	English	Universidade de Lyon 1	2021
3	Gavin Kemp	CURARE: curation and management of big data collections in the cloud	English	Universidade de Lyon 1	2018
4	Cheikh Hito Kacfah Emani	Automatic and semantic formalization of business rules	English	ISCTE-IUL	2016
5	Hind Benfenatki	Methodology of automatic provisionning of cloud-based business applications	French	Universidade de Lyon 1	2016

• M.Sc. Dissertations
- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Naila Amad	The importance of SmartiCities in optimizing the Public Sector	--	Developing	ISCTE-IUL
2	Francisco Filipe Cordeiro	Electronic Legal Processes supported by Blockchain	--	Developing	ISCTE-IUL
3	Artem Bogdan	Blockchain Self-Sovereign Identity-based Digital Twins	--	Developing	ISCTE-IUL

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	José Pedro Camilo Queirós	Blockchain Digital Twins with Decentralized Storage and Provenance	English	ISCTE-IUL	2023
2	João Paulo Moleiro Domingues	Acceptance and use of smart home technologies in Portugal	Portuguese	ISCTE-IUL	2023
3	Bernardo Antunes Gomes Augusto	Blockchain Digital Twins Data Sharing	English	ISCTE-IUL	2023

4	Pedro Filipe Moiteiro de Aquino	Blockchain-based Digital Twins Binding	English	ISCTE-IUL	2023
5	David da Silva Almeida	Promissory Notes-Driven Data Trading Ocean Protocol Integration in a Personal Data Ecosystem	English	ISCTE-IUL	2023
6	Simão Pedro Esteves Gonçalves	The influence of technologies on prevention/awareness of biotoxin records	Portuguese	ISCTE-IUL	2023
7	Eric Lopes Sancha	Music Royalties Management Using Blockchain	English	ISCTE-IUL	2022
8	Carolina Micaela Domingos Marques	Machine Learning as a tool to support prevention: identification of anxiety levels	Portuguese	ISCTE-IUL	2022
9	João Rodrigues Carvalho	How machine learning and music can help detect and prevent anxiety disorder episodes	Portuguese	ISCTE-IUL	2022
10	Ana Sofia Lourenço Alves	Exploring the Potential of Blockchain Technology in Real Estate: A Systematic Literature Review	English	ISCTE-IUL	2022
11	Camilo Henao Uribe	From Physical to Digital: How Non-Fungible Tokens enable brands to legitimate products? value in the counterfeit fight	English	ISCTE-IUL	2022
12	Margarida Martins Duarte	Analysis of the influence of non-pharmaceutical interventions and cultural differences on the evolution of COVID-19	English	ISCTE-IUL	2021
13	Daniel Dantas Calé	Monitoring and analysis of energy consumption in public spaces	Portuguese	ISCTE-IUL	2020
14	Harilanto Nandrianina Rakotovao	Automatic energetic simulation of buildings	English	ISCTE-IUL	2019
15	Léo Besançon	Deep Learning for modification of sound data in real time	English	ISCTE-IUL	2018
16	Mustapha Ouhimd	Energetic modeling of a set of buildings	French	Universidade de Lyon 1	2017
17	Achraf Rahmouni	IoT objects to manage the usage and exploitation of buildings	English	ISCTE-IUL	2017
18	Sabrine Taissi	Analysis of Prices Fluctuation in the Airline Market	English	Universidade de Lyon 1	2016
19	Pedropablo Lopez Amaya	Big data management for intelligents transport systems and J2EE interface for formalization of business rules	French	Universidade de Lyon 1	2015
20	Daniel Guedes Barrigas	CloudAid2 - Agregation of Linked USDL Cloud Services using Multi-Criteria Methods	English	Universidade de Coimbra	2014

21	Iman Sassi	Migration to Cloud Computing	French	Universidade de Lyon 1	2014
22	Gavin Kemp	Service-Oriented Architecture for Cloud Application Development	English	ISCTE-IUL	2014
23	Jorge Araújo	CloudAid - Semantic Mashups of Linked-USDL Services	English	Universidade de Coimbra	2013
24	Levi Baptista	GREAT - Graphical Rules Editing and Auditing Tool	English	ISCTE-IUL	2012

Total Citations

Web of Science®	210
Scopus	350

Publications

• Scientific Journals
- Scientific journal paper

1	Sarroeira, R., Henriques, J., Sousa, A. M., Silva, C. F. da., Nunes, N., Moro, S....Botelho, M. do C. (2023). Monitoring sensors for urban air quality: The case of the municipality of Lisbon. Sensors. 23 (18) - Times Cited Web of Science®: 3 - Times Cited Scopus: 2 - Times Cited Google Scholar: 6
2	Labiadh, M., Obrecht, C., Ferreira da Silva, C., Ghodous, P. & Benabdeslem, K. (2023). Query-adaptive training data recommendation for cross-building predictive modeling. Knowledge and Information Systems. 65 (2), 707-732
3	Duarte, M., Moro, S. & Ferreira da Silva, C. (2022). Does cultural background influence the dissemination and severity of the COVID-19 pandemic?. Heliyon. 8 (2) - Times Cited Web of Science®: 3 - Times Cited Scopus: 5 - Times Cited Google Scholar: 3
4	Besancon, L., Ferreira da Silva, C., Ghodous, P. & Gelas, J.- P. (2022). A blockchain ontology for DApps development . IEEE Access. 10, 49905-49933 - Times Cited Web of Science®: 10 - Times Cited Scopus: 17 - Times Cited Google Scholar: 20
5	Pinto, F., Ferreira da Silva, C. & Moro, S. (2022). People-centered Distributed Ledger Technology-IoT architectures: A systematic literature review. Telematics and Informatics. 70 - Times Cited Web of Science®: 4 - Times Cited Scopus: 6 - Times Cited Google Scholar: 8

6	Labiadh, M., Obrecht, C., Ferreira da Silva, C. & Ghodous, P. (2021). A microservice-based framework for exploring data selection for cross-building knowledge transfer. Service Oriented Computing and Applications. 15 (2), 97-107 - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 5
7	Ferreira da Silva, C. & Moro, S. (2021). Blockchain technology as an enabler of consumer trust: a text mining literature analysis. Telematics and Informatics. 60 - Times Cited Web of Science®: 17 - Times Cited Scopus: 29 - Times Cited Google Scholar: 50
8	Ferreira, J., Ferreira da Silva, C. & José P. Martins (2021). Roaming service for electric vehicle charging using blockchain-based digital identity. Energies. 14 (6) - Times Cited Web of Science®: 11 - Times Cited Scopus: 15 - Times Cited Google Scholar: 18
9	Cheikh Kacfah Emani, Ferreira da Silva, C., Bruno Fiès & Ghodous, P. (2019). NALDO: From natural language definitions to OWL expressions. Data and Knowledge Engineering. 122, 130-141 - Times Cited Web of Science®: 1 - Times Cited Scopus: 3 - Times Cited Google Scholar: 8
10	Melo, P., Rupino da Cunha, P., Ferreira da Silva, C. & Macedo, A. (2017). Automatic run-time versioning for BPEL processes. Service Oriented Computing and Applications. 11 (3), 315-327 - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
11	Benfenatki, Hind , Ferreira da Silva, C., Benharkat, Aïcha-Nabila , Ghodous, P. & Maamar, Zakaria (2017). Linked USDL Extension for Describing Business Services and Users' Requirements in a Cloud Context. International Journal of Systems and Service-Oriented Engineering. 7 (3), 15-31 - Times Cited Google Scholar: 10
12	Benfenatki, H., Ferreira da Silva, C., Kemp, G., Benharkat, A.-N., Ghodous, P. & Maamar, Z. (2017). MADONA: a method for automated provisioning of cloud-based component- oriented business applications. Service Oriented Computing and Applications. 11, 87-100 - Times Cited Web of Science®: 8 - Times Cited Scopus: 11 - Times Cited Google Scholar: 18
13	Kemp, G., Vargas-Solar, G., Ferreira da Silva, C., Ghodous, P., Collet, C. & López Amaya, P. (2016). Cloud big data application for transport. International Journal of Agile Systems and Management. 9 (3), 232-250 - Times Cited Scopus: 8 - Times Cited Google Scholar: 8
14	Kemp, Gavin , López Amaya, P., Ferreira da Silva, C., Vargas-Solar, G., Ghodous, P. & Collet, C. (2016). Big Data Collections and Services for Building Intelligent Transport Applications. International Journal of Electronic Business Management. 14 (1) - Times Cited Google Scholar: 3

15	Khalfallah, M., Figay, N., Ferreira da Silva, C. & Ghodous, P. (2016). A cloud-based platform to ensure interoperability in aerospace industry. Journal of Intelligent Manufacturing. 119-129 - Times Cited Web of Science®: 23 - Times Cited Scopus: 24 - Times Cited Google Scholar: 34
16	Kacfah Emani, C.H., Ferreira da Silva, C., Fiès, B. & Ghodous, P. (2016). Improving Open Information Extraction for Semantic Web Tasks. Lecture Notes in Computer Science. 9630, 139-158 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 5
17	Coutinho, C., Cretan, A., Ferreira da Silva, C., Ghodous, P. & Jardim-Goncalves, R. (2016). Service-based negotiation for advanced collaboration in enterprise networks. Journal of Intelligent Manufacturing. 27 (1), 201-216 - Times Cited Web of Science®: 23 - Times Cited Scopus: 21 - Times Cited Google Scholar: 31
18	Kacfah Emani, C.H., Ferreira da Silva, C., Fiès, B. & Ghodous, P. (2015). BEAUFORD: A Benchmark for Evaluation of Formalisation of Definitions in OWL. Open Journal of Semantic Web. 2 (1), 4-15 - Times Cited Google Scholar: 2
19	Figay, N., Ghodous, P., Ghafour, S. A., Ferreira da Silva, C. & Expósito, E. (2015). Pragmatic PLM process interoperability for aeronautic, space and defence DMN. Journal of Aerospace Operations. 3 (3,4), 147-166 - Times Cited Google Scholar: 3
20	Jardim-Goncalves, R., Coutinho, C., Cretan, A., Ferreira da Silva, C. & Ghodous, P. (2014). Collaborative negotiation for ontology-driven enterprise businesses. Computers in Industry. 65 (9), 1232-1241 - Times Cited Web of Science®: 11 - Times Cited Scopus: 14 - Times Cited Google Scholar: 17
21	Cretan, A., Ferreira da Silva, C., Coutinho, C., Jardim-Goncalves, R. & Ghodous, P. (2013). Framework for ontology-based Negotiation to support enterprise interoperability in cloud-based environments. International Journal of Electronic Business Management. 11 (3), 168-177 - Times Cited Google Scholar: 4
22	Ferreira da Silva, C., Melo, P., Paulo Rupino da Cunha & Milheiro, P. (2013). Using Semantics to Discover Web Services based on Partial Data: An Update of Previous Research. International Journal of Strategic Information Technology and Applications. 4 (4), 44-59
23	Vargas-Solar, G., Ferreira da Silva, C., Ghodous, P. & Zechinelli-Martini, J.-L. (2013). Moving energy consumption control into the cloud by coordinating services. International Journal of Computers and their Applications. 20 (4), 236 -244 - Times Cited Google Scholar: 1
24	Ferreira da Silva, C., Hoffmann, P. & Ghodous, P. (2011). Improve Business Interoperability Through Context-Based Ontology Reconciliation. International Journal of Electronic Business Management. 9 (4), 281-295 - Times Cited Google Scholar: 4
25	Slimani, K., Ferreira da Silva, C., Medini, L. & Ghodous, P. (2006). Conflict mitigation in collaborative design. International Journal of Production Research. 44 (9), 1681-1702 - Times Cited Web of Science®: 32 - Times Cited Scopus: 39 - Times Cited Google Scholar: 58

26	Ferreira da Silva, C., Médini, L., Ghafour, S. A., Hoffmann, P. , Ghodous, P. & Lima, C. (2006). Semantic Interoperability of Heterogeneous Semantic Resources. Electronic Notes in Theoretical Computer Science. 150 (2), 71-85 - Times Cited Web of Science®: 4 - Times Cited Scopus: 12 - Times Cited Google Scholar: 30

• Books and Book Chapters
- Book chapter

1	Botelho, M.C., Nunes, N., Ferreira da Silva, C., Machado Alexandre, I., Guerreiro, MD & Sousa, M. (2023). International mobility challenges in higher education in the Digital Era. In Technologies for Sustainable Global Higher Education. London: Routledge Taylor & Francis Group.
2	Silva, C. F. da, Geada, N., Teixeira, B., Guimarães, F., Costa, J. & Souza Junior, O. (2023). Metodologia andragógica por projeto: Aplicação à conceção e desenvolvimento de sistemas de informação . In Joana Alexandre, Alexandre Almeida, Ana Espírito-Santo, Ana Lúcia Martins, Cecília Aguiar, Nádia Simões (Ed.), Exemplos de práticas pedagógicas e estratégias de inovação pedagógica no Iscte. (pp. 93-110). Lisboa: Iscte - Instituto Universitário de Lisboa.
3	Ferreira da Silva, C., Cunha, P. & Melo, P. (2022). O impacto organizacional e social das tecnologias emergentes: o caso das blockchains. In Isabel Ramos, Rui Dinis Sousa, Rui Quaresma, Associação Portuguesa de Sistemas de Informação (Ed.), Sistemas de informação: diagnósticos e prospetivas. (pp. 165-192).: Sílabo.
4	Figay, N., Ferreira da Silva, C., Ghodous, P. & Jardim-Goncalves, R. (2015). Resolving interoperability in concurrent engineering. In Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges. (pp. 133-163).: Springer International Publishing. - Times Cited Scopus: 19 - Times Cited Google Scholar: 20
5	Kemp, G. , Vargas-Solar, G., Ferreira da Silva, C., Ghodous, P. & Collet, C. (2015). Service Oriented Big Data Management for Transport. In Helfert M., Krempels KH., Klein C., Donellan B., Guiskhin O. (Ed.), Smart Cities, Green Technologies, and Intelligent Transport Systems. Communications in Computer and Information Science series, vol 579. Switzerland: Springer, Cham.
6	Ferreira da Silva, C., Paulo Rupino da Cunha, Ghodous, P. & Melo, P. (2009). The semantic side of service-oriented architectures. In Gregoris Mentzas, Andreas Friesen (Ed.), Semantic Enterprise Application Integration for Business Processes: Service-Oriented Frameworks. (pp. 90). - Times Cited Scopus: 3 - Times Cited Google Scholar: 7

• Conferences/Workshops and Talks
- Publication in conference proceedings

1	Silva, C. F. da., Nunes, N., Moro, S., Henriques, J., Sousa, A. & Sarroeira, R. (2023). Environmental inequalities in the municipality of Lisbon: Spatial analysis of combustion gases. In Transportation Research Procedia. (pp. 1216-1223).: Elsevier.
2	Besançon, L., Ghodous, P., Gelas, J.-P. & Silva, C. F. da (2021). Modelling of decentralised blockchain applications development. In Proceedings of the 2020 International Conference on High Performance Computing & Simulation (HPCS 2020). Virtual, Online: HAL. - Times Cited Google Scholar: 6

3	Rahmouni, A., Silva, C. F. & Ghodous, P. (2020). Methodological approach for creating an IoT manufacturing application. In Boubchir, L., Benkhelifa, E., Jararweh, Y. and Saleh, I. (Ed.), 2020 7th International Conference on Internet of Things: Systems, Management and Security (IOTSMS). Paris, France: IEEE.
4	Labiadh, M., Obrecht, C., Ferreira da Silva, C. & Ghodous, P. (2019). On the suitability of Data Selection for Cross-building Knowledge Transfer. In The 17th International Conference on High Performance Computing Simulation (HPCS 2019), The 3rd Special Session on High Performance Services Computing and Internet Technologies (SerCo 2019). Dublin: IEEE.
5	Besançon, L., Ferreira da Silva, C. & Ghodous, P. (2019). Towards Blockchain Interoperability: Improving Video Games Data Exchange. In 2019 IEEE International Conference on Blockchain and Cryptocurrency (ICBC). (pp. 81-85). Seoul, Korea (South): IEEE. - Times Cited Web of Science®: 17 - Times Cited Scopus: 28 - Times Cited Google Scholar: 50
6	Vargas-Solar, G., Kemp, G., Hernández-Gallegos, I., Espinosa-Oviedo, J.A., Ferreira da Silva, C. & Ghodous, P. (2019). Demonstrating data collections curation and exploration with CURARE. In Proceedings of the 22st International Conference on Extending Database Technology (EDBT). (pp. 598-601). - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
7	Vargas-Solar, G., Kemp, Gavin , Hernández-Gallegos, I., Espinosa-Oviedo, J.A., Ferreira da Silva, C. & Ghodous, P. (2019). Exploring and Curating Data Collections with CURARE: demonstration. In Proceeding of the 35eme Conference sur la Gestion de Donnees – Principes, Technologies et Applications. Lyon
8	Acar, H., Benfenatki, H., Gelas, J.-P., Ferreira da Silva, C., Alptekin, G. I., Benharkat, A.-N....Ghodous, P. (2018). Software Greenability: A Case Study of Cloud-Based Business Applications Provisioning. In CLOUD 2018 - IEEE 11th International Conference on Cloud Computing. (pp. 875-878). San Francisco, CA: IEEE. - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 6
9	Rozsa, V., Denisczwicz, M., Dutra, M., Ghodous, P., Ferreira da Silva, C., Moayeri, N....Figay, N. (2016). An Application Domain-Based Taxonomy for IoT Sensors. In Proc. of the 23rd ISPE International Conference on Transdisciplinary Engineering: Crossing Boundaries. (pp. 249-258). Curitiba: IOS Press. - Times Cited Web of Science®: 17 - Times Cited Scopus: 19 - Times Cited Google Scholar: 37
10	Kacfah Emani, C.H., Ferreira da Silva, C., Bruno Fiès, Zarli, A. & Ghodous, P. (2016). An Approach for Automatic Formalization of Business Rules. In Proc. of the 33rd CIB W78 Conference (International Council for Research and Innovation in Building and Construction). Brisbane : ITC Digital library . - Times Cited Google Scholar: 3
11	Kemp, G., Vargas-Solar, G., Ferreira da Silva, C., Ghodous, P. & Collet, C. (2015). Aggregating and managing big realtime data in the cloud: Application to intelligent transport for smart cities. In Markus Helfert and Oleg Gusikhin (Ed.), VEHITS 2015 - Proceedings of the 1st International Conference on Vehicle Technology and Intelligent Transport Systems. (pp. 107-112). Lisboa: scitepress. - Times Cited Scopus: 17 - Times Cited Google Scholar: 18

12	Kemp, Gavin , Ferreira da Silva, C., Vargas-Solar, G., Ghodous, P., Collet, C. & López Amaya, P. (2015). Towards Cloud big data services for intelligent transport systems. In Richard Curran, Nel Wognum, Milton Borsato, Josip Stjepandi, Wim J.C. Verhagen (Ed.), Proc. of Concurrent Engineering, Advances in Transdisciplinary Engineering, Vol. 2: Transdisciplinary Lifecycle Analysis of Systems. (pp. 377-385). Delft: IOS Press. - Times Cited Web of Science®: 1 - Times Cited Scopus: 7 - Times Cited Google Scholar: 11
13	Ouedraogo, W. F., Biennier, F., Ferreira da Silva, C. & Ghodous, P. (2015). Context-aware Security@run.time Deployment. In Proc. of CLOSER 2015 - 5th International Conference on Cloud Computing and Services Science. (pp. 276-283). Lisboa: Science and Technology Publications. - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
14	Kacfah Emani, C.H., Ferreira da Silva, C., Fiès, B., Ghodous, P. & Bourdeau, B. (2015). Automated Semantic Enrichment of Ontologies in the Construction Domain. In Proceedings of the 32nd International Conference of CIB W78. (pp. 159-164). Eindhoven: ITC Digital library. - Times Cited Google Scholar: 5
15	Kacfah Emani, C.H., Ferreira da Silva, C., Fiès, B., Ghodous, P. & Khosrowshahi, F. (2014). Structural Sentence Decomposition via Open Information Extraction. In Proc. of the 18th International Conference Information Visualisation (IV2014). Paris - Times Cited Google Scholar: 1
16	Benfenatki, Hind , Ferreira da Silva, C., Benharkat, Aïcha-Nabila , Ghodous, P. & Biennier, F. (2014). Methodology for Semi-Automatic Development of Cloud-based Business Applications. In Proc. of 7th IEEE International Conference on Cloud Computing. (pp. 954-955). Anchorage, Alaska: IEEE Computer Society. - Times Cited Web of Science®: 2 - Times Cited Scopus: 4 - Times Cited Google Scholar: 5
17	Benfenatki, Hind , Ferreira da Silva, C., Benharkat, Aïcha-Nabila & Ghodous, P. (2014). Automatic Software Development as a Service (ASDaaS). In Markus Helfert, Frédéric Desprez (Ed.), Proc. of the 4th International Conference on Cloud Computing and Services Science (CLOSER 2014). (pp. 95-102). Barcelona: SCITEPRESS - Science and Technology Publications.
18	Benfenatki, Hind , Kemp, Gavin , Ferreira da Silva, C., Benharkat, Aïcha-Nabila & Ghodous, P. (2014). Service-Oriented Architecture for Cloud Application Development. In Jianzhong Cha, Shuo-Yan Chou, Josip Stjepandi, Richard Curran, Wensheng Xu (Ed.), Proc. of the 21st ISPE International Conference on Concurrent Engineering (CE 2014), Advances in Transdisciplinary Engineering, Vol. 1: Moving Integrated Product Development to Service Clouds in Global Economy. (pp. 307-316). Beijing: IOS Press. - Times Cited Scopus: 2 - Times Cited Google Scholar: 2
19	Benfenatki, Hind , Ferreira da Silva, C., Benharkat, Aïcha-Nabila & Ghodous, P. (2014). Cloud-based Business Applications Development Methodology. In Proc. of the 23rd IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE). (pp. 275-280). Parma: IEEE Computer Society. - Times Cited Web of Science®: 6 - Times Cited Scopus: 10 - Times Cited Google Scholar: 19

20	Benfenatki, Hind , Ferreira da Silva, C., Benharkat, Aïcha-Nabila & Ghodous, P. (2014). Cloud Application Development Methodology. In Proc. of the IEEE/WIC/ACM International Conference on Web Intelligence (WI 2014). (pp. 13-20). Warsaw: IEEE Computer Society. - Times Cited Web of Science®: 1 - Times Cited Scopus: 5 - Times Cited Google Scholar: 5
21	Emani, C.K., Ferreira da Silva, C., Fiès, B. & Ghodous, P. (2014). Improving open information extraction using domain knowledge. In Proc. of Surfacing the Deep and the Social Web (SDSW), co-located with the 13th International Semantic Web Conference (ISWC 2014). - Times Cited Google Scholar: 1
22	Khalfallah, M., Figay, N., Barhamgi, M., Ferreira da Silva, C. & Ghodous, P. (2013). Towards Combining Declarative Specification with On-the-fly Mediation. In Proc. of the IEEE 10th International Conference on Services Computing (SCC). (pp. 691-698). Santa Clara, CA: IEEE Computer Society. - Times Cited Scopus: 1 - Times Cited Google Scholar: 8
23	Paulo Rupino da Cunha, Melo, P. & Ferreira da Silva, C. (2013). Avoiding Lock-In: Timely Reconfiguration of a Virtual Cloud Platform on Top of Multiple PaaS and IaaS Providers. In Proc. of the IEEE Sixth International Conference on Cloud Computing, 2013. Santa Clara, CA: IEEE Computer Society. - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 4
24	Khalfallah, M., Figay, N., Ghodous, P. & Ferreira da Silva, C. (2013). Cross-organizational Business Processes Modeling Using Design-by-Contract Approach. In van Sinderen M., Oude Luttighuis P., Folmer E., Bosems S. (Ed.), Proc. of the 5th International Working Conference on Enterprise Interoperability (IWEI), Lecture Notes in Business Information Processing. (pp. 77-90). Enschede: Springer, Berlin, Heidelberg. - Times Cited Scopus: 2 - Times Cited Google Scholar: 9
25	Ferreira da Silva, C., Baptista, L., Paulo Rupino da Cunha & Melo, P. (2012). Empowering end-users to manage business rules: The case of a graphical environment built for a telco. In Josip Stjepandi, Georg Rock, Cees Bil (Ed.), 19th ISPE International Conference on Concurrent Engineering (Concurrent Engineering Approaches for Sustainable Product Development in a Multi-Disciplinary Environment. (pp. 1193-1204). Trier: Springer, London. - Times Cited Scopus: 1
26	Ferreira da Silva, C., Rupino da Cunha, P., Melo, P. & Themistocleos, M. (2010). Semantics take the SOA registry to the next level: An empirical study in a telecom company. In 16th Americas Conference on Information Systems 2010, AMCIS 2010. Lima: Association for Information Systems. - Times Cited Google Scholar: 1
27	Paulo Rupino da Cunha, Melo, P. & Ferreira da Silva, C. (2009). A Funny Thing Happened on the Way to SOA: Insights from a Three-Year Experience with a Telecom Company. In Grace Lewis, Dennis B. Smith, Ned Chapin, Kostas Kontogiannis (Ed.), Proceedings of the 3rd International Workshop on a Research Agenda for Maintenance and Evolution of Service-Oriented Systems (MESOA 2009). (pp. 41-51). Pittsburgh: Software Engineering Institute Carnegie Mellon University. - Times Cited Google Scholar: 2
28	Lima Dutra, M., Ferreira da Silva, C., Ghodous, P. & Jardim-Goncalves, R. (2008). Using an inference engine to detect conflicts in collaborative design. In Proc. of the 2008 IEEE International Technology Management Conference, ICE 2008. Lisbon: Institute of Electrical and Electronics Engineers Inc. - Times Cited Scopus: 2 - Times Cited Google Scholar: 9

29	Ferreira da Silva, C., Medini, L., Lima, C. & Ghodous, P. (2006). Improving Mappings Discovery for Semantic Interoperability. In Proc. of the 13th ISPE International Conference on Concurrent Engineering: Research and Applications, Leading the Web in Concurrent Engineering. (pp. 227-234). Antibes: IOS Press. - Times Cited Google Scholar: 1
30	Ferreira da Silva, C., Lima, C., Médini, L., Ghodous, P. & Zarli, A. (2006). Enhancing Semantic Interoperability among Semantic Resources for Construction. In Proceedings of the Joint CIB W78, W102, ICCCBE, ICCC, and DMUCE International Conference on Computing and Decision Making in Civil and Building Engineering. (pp. 2487-2496). Montreal: Digital library of construction informatics and information technology in civil engineering and construction. - Times Cited Google Scholar: 3
31	Ferreira da Silva, C., Pimentão, J.P. & Lima, C. (2006). Assessing the quality of mappings between semantic resources in construction. In Smith I.F.C. (Ed.), LNAI, Proc. of Intelligent Computing in Engineering and Architecture. EG-ICE 2006. (pp. 416-427). Ascona: Springer, Berlin, Heidelberg. - Times Cited Google Scholar: 3
32	Ferreira da Silva, C., Médini, L., Ghafour, S. A., Hoffmann, P. & Ghodous, P. (2005). Semantic interoperability of heterogeneous semantic resources. In Database Interoperability (InterDB 2005) in connection with the 7th International Conference on Coordination Models and Languages. (pp. 71-85). Namur - Times Cited Google Scholar: 4
33	Lima, C., Ferreira da Silva, C., Sousa, P. A. C., Pimentão, J.P. & Le Duc, C. (2005). Interoperability among Semantic Resources in Construction: Is it Feasible?. In R. J. Scherer, P.; Katranuschkov, S-E. Schapke (Ed.), Proc. of the 22nd CIB-W78 Conference Information Technology in Construction, CIB publications Institute for Construction Informatics. (pp. 285-292). Dresden: CIB publications Institute for Construction Informatics. - Times Cited Google Scholar: 22
34	Lima, C., Storer, G, Zarli, A. & Ferreira da Silva, C. (2005). Towards a framework for managing standards-based semantic e-Resources in the European Construction Industry. In Iris D. Tommelein (Ed.), Proc. of Construction Research Congress 2005 (CRC 2005) Broadening Perspectives. San Diego, California: ASCE library. - Times Cited Scopus: 5 - Times Cited Google Scholar: 7
35	Lima, C., Ferreira da Silva, C., Le Duc, C. & Zarli, A. (2005). A Framework to Support Interoperability among Semantic Resources. In Konstantas D., Bourrières JP., Léonard M., Boudjlida N. (Ed.), Interoperability of Enterprise Software and Applications. (pp. 87-98). Genebra: Springer-Verlag London. - Times Cited Web of Science®: 4 - Times Cited Google Scholar: 20
36	Ferreira da Silva, C., Médini, L. & Ghodous, P. (2004). Attenuation de conflits en conception cooperative. In N. Matta (Ed.), Proc. of 15emes journees francophones d'Ingenierie des Connaissances. (pp. 127-138). Grenoble: Presses Universitaires de Grenoble.
37	Ferreira da Silva, C., Médini, L. & Ghodous, P. (2004). Conflicts mitigation in collaborative design. In M. Sobolewski, J. Cha (Ed.), Proc. of the 11th ISPE International Conference on Concurrent Engineering: The Worldwide Engineering Grid. Beijing: Tsinghua University Press.
38	Lima, C., Fiès, B., Ferreira da Silva, C. & Barresi, S. (2004). Setting up the Open Semantic Infrastructure for the European Construction Sector – the FUNSIEC Project. In Dikba & Scherer (Ed.), Proc. of the 5th European Conference on Product and Process Modelling in the Building and Construction Industry (ECPPM 2004) eWork and eBusiness in Architecture, Engineering and Construction. (pp. 540-554). Istanbul: Taylor & Francis Group,. - Times Cited Google Scholar: 4

- Talk

1	Nunes, N., Ferreira da Silva, C., Botelho, M.C., Moro, S., Sarroeira, R., Henriques, J....Sousa, A. (2024). Air Quality in Cities: Which Policies for Well-Being and Sustainable Development?. PARIS WELLBEING 2024 International Interdisciplinary Conference Wellbeing, Public Policies and Sustainable Development.
2	Ferreira da Silva, C., Livitckaia, K., Alboaie, S., Ellul, J., Revolidis, I., Szego, D....Joshi, A. (2023). Decentralised Social Media online workshop - EU Blockchain Observatory and Forum . Decentralised Social Media online workshop - EU Blockchain Observatory and Forum .
3	Sarroeira, R., Henriques, J., Sousa, Ana M., Ferreira da Silva, C., Nunes, N., Moro, S....Botelho, M.C. (2023). Monitoring sensors for urban air quality: the case of the municipality of Lisbon. Portuguese Smart Cities Summit 2023.
4	Ferreira da Silva, C., Nunes, N., Moro, S., Henriques, J., Sousa, Ana M. & Sarroeira, R. (2022). Environmental inequalities in the city of Lisbon: spatial analysis of combustion gases. TRA Conference 2022.
5	Duarte, M., Ferreira da Silva, C. & Moro, S. (2022). Os contextos culturais influenciam a disseminação e a gravidade da pandemia da COVID-19?. Iscte Saúde: 1ª Conferência de Saúde Societal.
6	Ferreira da Silva, C., Botelho, M.C., Nunes, N., Guerreiro, MD, Sousa, M., Costa, J. R....Alexandre, I. (2022). InCities – Traiblazing Inclusive, Sustainable and Resilient Cities (Horizon Europe Project: coordination and support actions. Creative Smart Cities - 1st Science and Industry Meet-Up 2022.
7	Paulo Rupino da Cunha, Ferreira da Silva, C. & Almeida, P. (2021). Leveraging Blockchain for a living, trustable curriculum vitae. 18th European Mediterranean & Middle Eastern Conference on Information Systems.
8	Ferreira da Silva, C. (2020). Panel IoT and Blockchain for Smart Cities of the International Winter School IoT and Blockchain for Smart Cities. Winter School IoT and Blockchain for Smart Cities.
9	Ferreira da Silva, C. (2020). Blockchain Skills for ICT Professionals. IEEE@Home Blockchain Series.
10	Ferreira da Silva, C. (2020). Blockchain Skills for ICT Professionals. Winter school IoT and Blockchain for Smart Cities.
11	Ouedraogo, W. F., Biennier, F., Ferreira da Silva, C. & Ghodous, P. (2015). Context-aware Security@run.time Deployment. CLOSER 2015 - 5th International Conference on Cloud Computing and Services Science.
12	Ferreira da Silva, C. (2014). Interopérabilité, systèmes d'information collaboratifs et cloud computing. workshop e-Care.
13	Paulo Rupino da Cunha, Melo, P. & Ferreira da Silva, C. (2013). Avoiding lock-in: timely reconfiguration of a virtual cloud platform on top of multiple PaaS and IaaS providers. Avoiding lock-in: timely reconfiguration of a virtual cloud platform on top of multiple PaaS and IaaS providers.
14	Ferreira da Silva, C. (2006). Industrial Standards to structure the construction information. Urban Ontologies for an improved communication in urban civil engineering projects.
15	Ferreira da Silva, C. (2005). Interoperability among knowledge models in cooperative environments. Standards OWL-STEP-AMD.
16	Ferreira da Silva, C., Lima, C. & Le Duc, C. (2005). FUNONDIL software prototype. Final European project FUNSIEC evaluation by the European Commission appointed evaluators.

• Other Publications

- Non-peer-reviewed papers

1	Fernanda Santos Pereira, Ferreira da Silva, C., Guimarães, F., Sousa, M., Fernandes, C. S. & Costa, J. C. W. A. (2015). Data Management System for Structural Health Monitoring. IEEE Latin America Transactions. - Times Cited Web of Science®: 2 - Times Cited Scopus: 3

- Other publications

1	Kostopoulos, N., Sekaras, K., Sarafidis, N., Vlachogeorgakopoulos, I., Anania, A., Charles, W....Vasiliu-Feltes, I. (2023). The current state of interoperability between blockchain networks. The current state of interoperability between blockchain networks - EU Blockchain Observatory and Forum.
2	Livitckaia, K., Papoutsoglou, I., Votis, K., Revolidis, I., Ellul, J., Ferreira da Silva, C....Joshi, A. (2023). Decentralised Social Media. Decentralised Social Media - EU Blockchain Observatory and Forum .

- Master's Dissertation

1	Ferreira da Silva, C. (2003). Gestion des connaissances et atténuation des conflits dans un environnement coopératif.

- Doctoral Thesis

1	Ferreira da Silva, C. (2007). Découverte de correspondances sémantiques entre ressources hétérogènes dans un environnement coopératif. 1-256 - Times Cited Google Scholar: 6

Research Projects

Project Title	Role in Project	Partners	Period
Urban Adaptation and Alert Solutions for a TIMEly (re)Action	Global Coordinator	ISTAR-IUL (IS) - Global coordinator, ISTAR-IUL (DLS), UNIZA - (Slovakia), DANMARKS TEKNISKE UNIVERSITET - (Denmark), WEO SAS - (Luxembourg), KAJO SRO - (Slovakia), ICONS - (Italy), ONE - (Italy), TUU - (Portugal), UP - (Portugal), LIST - (Luxembourg), TECNALIA - (Spain), UDEUSTO - (Spain), TH KOLN - (Germany), ŽSK - (Slovakia), CML - (Portugal), IBS - (Estonia), TEAM - (Spain), VELTIS - (Spain)	2024 - 2028

2024	Decentralize Portugal with blockchain agenda	Researcher		ISTAR-IUL, BRU-Iscte, CIES-Iscte, CIS-Iscte, VOID - Leader (Portugal), INESC-ID - (Portugal), IST-ID - (Portugal), UM - (Portugal), IPLeiria - (Portugal), BioGHP - (Portugal), INESC TEC - (Portugal), INOV - (Portugal)
2023 - 2025	2023	Trailblazing Inclusive, Sustainable and Resilient Cities		Global Coordinator
Iscte - Leader, TH KOLN - (Germany), LAUREA - (Finland), UNI EIFFEL - (France), UNIZA - (Slovakia)	2022 - 2025	2022		Data science analysis for environmental inequalities
Global Coordinator	CIES-Iscte, ISTAR-IUL (IS)	2022 - 2023		2022
Impact of Blockchains and Decentralised Ledger Technologies	Global Coordinator	ISTAR-IUL		2021 - 2022
2021	Summer with Science Trainning	Researcher		ISTAR-IUL (SSE)

Academic Management Positions

Director (2024 - 2026)
Unit/Area: [B15] Information Systems Management

Membro (Docente) (2023 - 2025)
Unit/Area: Plenário do Conselho Científico

Presidente (2023 - 2026)
Unit/Area: Comissão Científica

Director (2023 - 2026)
Unit/Area: Information Sciences, Technologies and Architecture Research Center

Coordenador do 2º Ano (2022 - 2024)
Unit/Area: [B15] Information Systems Management

Coordenador do 1º Ano (2022 - 2024)
Unit/Area: [B15] Information Systems Management

Director (2022 - 2024)
Unit/Area: [B15] Information Systems Management

Awards

AUDAX_Iscte 2023 FISTA (Forum of Iscte School of Technology and Architecture) to the results of the project Data science analysis for environmental inequalities (DSAEI) (2023)

European Commission distinction "Good Practice Example" attributed to the European project BLISS - Blockchain skills for ICT professionals (2020)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): 2019-2022 (2019)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): validity 2014-2018 (2018)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities) (2018)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): validity 2014-2018 (2017)

European Commission distinction "Erasmus+ Success Story" and "Good Practice Example" attributed to the European project Strategic partnership to develop innovative VET open educational resources for mobile apps entrepreneurs (2017)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): validity 2014-2018 (2016)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): validity 2014-2018 (2015)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities): validity 2014-2018 (2014)

Doctoral and Research Supervision Bonus (Prime d'Encadrement Doctoral et de Recherche, French National Council of Universities) (2014)

Research Quality Bonus (Bonus Qualité Recherche), Lyon Claude Bernard University, France (2013)

Research Networks

Research Network Name	Representative Role	Period
EU Blockchain Observatory and Forum	Investigadora	Since 2020

Professional Associations

Member of the Expert Panel of the European Blockchain Observatory and Forum (Since 2020)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event committee	Track Decentralized Applications (DAPP) with Blockchain, DLT and Crypto-Currencies	The 39th ACM Symposium on Applied Computing - ACM SAC 2024 DAPP Track	2024

Member of scientific event committee	Proponent of the Track Cloud Computing	EMCIS 2023 - 20th European, Mediterranean and Middle Eastern Conference on Information Systems	2023
Member of scientific event committee	3rd International Conference on Blockchain Technology and Information Security	ICBCTIS committee	2023
Member of scientific event committee	Track Decentralized Applications (DAPP) with Blockchain, DLT and Crypto-Currencies	The 38th ACM Symposium on Applied Computing - ACM SAC 2023 DAPP Track	2023
Member of scientific event committee	Proponent of the Track Cloud Computing	EMCIS 2022 - 19th European, Mediterranean and Middle Eastern Conference on Information Systems	2022
Member of scientific event's organizing committee	ISTAR PhD Meeting Spring 2022	ISTAR Iscte	2022
Member of scientific event committee	Track Decentralized Applications (DAPP) with Blockchain, DLT and Crypto-Currencies	The 37th ACM Symposium on Applied Computing - ACM SAC 2022 DAPP Track	2022
Member of scientific event committee	Proponent and session chair of the track Cloud Computing	EMCIS 2021 - 18th European, Mediterranean and Middle Eastern Conference on Information Systems	2021
Member of scientific event committee	Program committee member of the track Blockchain Technology and Applications	EMCIS 2021 - 18th European, Mediterranean and Middle Eastern Conference on Information Systems	2021
Member of scientific event committee	Program committee member of the track Blockchain Technology and Applications	EMCIS 2020 - 17th European, Mediterranean and Middle Eastern Conference on Information Systems	2020
Member of scientific event committee	Proponent of the Track Cloud Computing	EMCIS 2020 - 17th European, Mediterranean and Middle Eastern Conference on Information Systems	2020
Member of scientific event's organizing committee	SUSTAINABLE CITIES - Viewpoints of the Pioneer Alliance; Open session Integrated with the Summer School IoT for Smart Cities School 2020	Istar_Iscte	2020
Member of free course/summer school's organizing committee	International Winter school IoT and Blockchain for smart cities (2020)	Istar_Iscte	2020
Member of non-scientific event's organizing committee	International Winter school IoT and Blockchain for smart cities (2020)		2020
Member of non-scientific event's organizing committee	International Winter school IoT and Blockchain for smart cities (2020)		2020

Member of scientific event committee	Proponent of the session Cloud Computing	15th European, Mediterranean and Middle Eastern Conference on Information Systems	2018
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Invited chair of the session IT Governance	14th European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS)	2017
Member of scientific event committee	Chair of the session "Cloud Computing"	14th European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS)	2017
Member of scientific event committee	Proponent of the session Cloud Computing	14th European, Mediterranean and Middle Eastern Conference on Information Systems	2017
Member of scientific event committee	Proponent of the session Cloud and Distributed Computing Track	10th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA)	2013
Member of scientific event's organizing committee	Leading the Web in Concurrent Engineering	13th ISPE International Conference on Concurrent Engineering: Research and Applications	2006

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Participation in general diffusion news tv show	Decentralised Social Media online workshop - EU Blockchain Observatory and Forum	Member of the discussion panel on Decentralised Social Media	2023
Talk/Conference in public diffusion event	Portugal Smart Cities Summit 2023	Article presentation Monitoring sensors for urban air quality: The case of the municipality of Lisbon; authors: Rodrigo Sarroeira, Catarina Ferreira da Silva, João Henriques, Ana M. Sousa, Nuno Nunes, Sérgio Moro, Maria do Carmo Botelho	2023
Talk/Conference in public diffusion event	Portugal Smart Cities Summit 2022	Presentation resulting from the work of the DSAEI project, Environmental Inequalities in the Lisbon Metropolitan Area, at the Portugal Smart Cities Summit 2022, involving Rodrigo Sarroeira, Catarina Ferreira da Silva, João Henriques, Ana M. Sousa, Nuno Nunes, Sérgio Moro, Maria do Carmo Botelho	2022

Talk/Conference in public diffusion event	ISTAR research centre - Data-driven decision support systems	On the 21st of June ISTAR_Iscte hosted the ISTAR's Research Day Meeting, from 9h00 to 13h00 at the Aud. Afonso Barros, Iscte. This meeting consists of research topics presentation and debate.	2022
Participation in general diffusion news tv show	Television documentary on Blockchain, series Algorithms, RTP3 channel Informação (Portugal)	Invitation to intervene in the documentary on Blockchain in the series Algorithms, broadcast on RTP3 channel Informação (Portugal) - Episode 2 - 02 November 2022	2022
Talk/Conference in public diffusion event	Portugal Smart Cities Summit 2022	Presentation of the Horizon Europe InCITIES project - sustainable, resilient and inclusive cities. Auditório City HUB Stage, side event - 12 October 2022, 15h30	2022
Talk/Conference in public diffusion event	Debate Encounters with Impact: Blockchain and Decentralization	Invitation to debate on Blockchain and Decentralization within the third event of the Encontros com Impacto cycle. It took place on September 22 at Casa do Impacto, Lisboa. It was intended to demystify the real uses of blockchain, address the relationship with the promise of decentralization and inquire about the main criticisms surrounding this technology – namely the energy cost, deregulation of sectors, etc. It is in this sense that divergent perspectives came together.	2022
Talk/Conference in public diffusion event	1st SocioDigital Lab Conference 2022 - Digital Transformation in Times of Crisis - 2nd day	Round table Environmental future and digital transformation: from local to global: https://istar.iscte-iul.pt/sociodigitalconf-eng/122-2/	2022
Talk/Conference in public diffusion event	EMCIS 2021 - 8th European Mediterranean & Middle Eastern Conference on Information Systems	Leveraging Blockchain for a living, trustable curriculum vitae	2021
Coordination of knowledge diffusion event	International Winter School IoT and Blockchain for Smart Cities	International Winter School IoT and Blockchain for Smart Cities, suported by ISTAR-IUL	2020
Talk/Conference in public diffusion event	IEEE@Home Blockchain Series	Invited talk Blockchain Skills for ICT Professionals	2020
Member of organizing committee of knowledge diffusion event	SUSTAINABLE CITIES - Viewpoints of the Pioneer Alliance; Open session Integrated with Summer School IoT for Smart Cities School 2020	Member of scientific event's organizing committee and session co-chair, involving speakers from Université Gustave Eiffel (France), National Technical University of Athens (Greece), University of Zilina (Slovakia), Laurea University of Applied Sciences (Finland), TH Koln University (Germany)	2020

Coordination of knowledge diffusion event	Panel IoT and Blockchain for Smart Cities of the International Winter School IoT and Blockchain for Smart Cities	Co-organizer and co-chair of the round table Panel IoT and Blockchain for Smart Cities da Escola de Inverno IoT and Blockchain for Smart Cities. This round table was open to the entire ISCTE-IUL community and companies, involved 8 speakers among teachers researchers and professionals	2020
Member of organizing committee of knowledge diffusion event	Information Day European projects Nebula and VET4APPS	Information Day Nebula and VET4APPS that brought together a hundred researchers and entrepreneurs, July 2016, University of Claude Bernard Lyon 1, Villeurbanne, France	2016
Member of organizing committee of knowledge diffusion event	Symposium of the Portuguese Association of Researchers in Science and Technology	Member of the local organizing committee of the ANICT symposium (2012)	2012
Member of organizing committee of knowledge diffusion event	Web and Cloud	Information Day Web and Cloud, that brought together a hundred researchers and entrepreneurs, 21 November 2012, University of Claude Bernard Lyon 1, Villeurbanne, France	2012

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Scientific journal editor	Energies Special Issue "Energy Efficiency of Blockchain and Distributed Ledger Technologies"	1996-1073 / Q1	2021	English
Scientific journal editor	Concurrent Engineering: Research and Applications International Journal, Guest editor Special Issue on Cloud IoT	15312003 / Q1	2017 - 2018	English
Scientific journal editor	International Journal of Electronic Business Management, special issue guest editor	1728-2047	2012 - 2013	English