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Curriculum

Jose Andre R. S. Moura received on 19889, the B.Sc., degree in Electronics and Telecommunications from Universidade de Aveiro (Portugal), on 2001 the M.Sc. in Computer Networks from Faculdade de Engenharia da Universidade do Porto (Portugal), and on 2011 the Ph.D. in Computer Science from Lancaster University (United Kingdom). From 1989 to 2000, he worked as SCADA Engineer at EFACEC Sistemas Electronica (Portugal). From 2000 to 2001, he worked as a researcher at INESC-Porto (Portugal). Since 2001, he has been teaching in computer networks at ISCTE-Instituto Universitario Lisboa (Portugal), and he has been a researcher with Instituto de Telecomunicacoes (Portugal). His current research interests include Network Management, system modeling, Edge Computing, Optimization, Virtualization, Software-Defined Networking, and Resilience on Networked Systems.

Research Interests

Wireless Networks, Game Theory, Virtualization, and Software-Defined Networking.

Academic Qualifications

University/Institution	Type	Degree	Period
Lancaster University	PhD	Computer Science	2011
Universidade do Porto - Faculdade de Engenharia	M.Sc.	Engenharia Electrotécnica e de Computadores	2001
Universidade de Aveiro	Licenciate	Eng. Electrotécnica e Telecomunicações	1989

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord .
2025/2026	2º	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2025/2026	1º	Networks and Information Systems Security	Master Degree in Computer Engineering;	No
2025/2026	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2025/2026	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2024/2025	2º	Fundamentals of Computer Networks	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2024/2025	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2024/2025	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No

2023/2024	2º	Fundamentals of Computer Networks	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2023/2024	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2023/2024	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2022/2023	2º	Fundamentals of Computer Networks	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2022/2023	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2022/2023	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2021/2022	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2021/2022	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2020/2021	2º	Fundamentals of Computer Networks	Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering;	No
2020/2021	2º	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	Yes
2020/2021	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes

2020/2021	1º	Network Architectures	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; Bachelor Degree in Telecommunications and Computer Engineering;	No
2019/2020	2º	Digital Networks III - Security, Multimedia and Management		Yes
2019/2020	1º	Software-Defined Networking	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2019/2020	1º	Digital Networks II - Systems, Applications and Services		No

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Pedro Miguel Alvito Fernandes da Silva	Management of Fog Internet of Things Resources in Future Softwarized Networks	English	Developing	Iscte

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Ricardo Amado Lopes	Autonomous Detection and Mitigation of High-Risk Cybersecurity Vulnerabilities at Networked Systems	--	Developing	Iscte
2	Nuno De Oliveira Lourenço Teixeira	A Novel SDN-Based Fog Architecture with Adaptive Containerization and QoS-Driven Communication from Real Sensors	--	Developing	Iscte
3	João Pedro Leal Costa	AI-Driven Encryption Selection in a Container-Based Network Prototype	--	Developing	Iscte
4	Pedro Ojo Oriakhi	Efficient Data Storage Using Programmable Containers in Edge Computing	--	Developing	Iscte
5	Ricardo André da Cunha Abrantes	Design and Implementation of an Automated Parking Assistance System supported by SDN and IoT-enabled sensors	--	Developing	Iscte

6	Afonso Gonalo de Moura Rolo Leal Gonalves	SDN and SDR Integration for Next-Generation Mobile Networks	--	Developing	Iscte
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- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Joo Francisco Rosa Polnio	Proactive Discovery and Mitigation of Security Vulnerabilities Leveraged by Software-Defined Networks	English	Iscte	2024
2	Antnio Miguel Berrucho Martins Pires	Remote control satellite station	Portuguese	Iscte	2023
3	Patrcia Galego Cardoso	A SOFTWARE-DEFINED NETWORK SOLUTION FOR MANAGING FOG COMPUTING RESOURCES IN SENSOR NETWORKS	English	Iscte	2019
4	Leonel Duque Piscalho Jnior	Towards a Software Defined Network based Multi-Domain Architecture for the Internet of Things	English	Iscte	2019
5	Mickal Rocha da Cunha	A Policy-Based Framework Towards Smooth Adaptive Playback for Dynamic Video Streaming over HTTP	English	Iscte	2018
6	Pedro Caetano Manso	A Novel SDN-Based Intrusion Detection System for Early Detection and Mitigation of DDoS Attacks	Portuguese	Iscte	2018
7	Ruben Oliveira Vales	Nomadic Fog Storage	English	Iscte	2017
8	Carlos Jos Pereira da Silva Meralto	Mesh networks for handheld mobile devices	English	Iscte	2015
9	Oscar Campos Neto	Avaliao de fatores crticos para a adoo de solues Cloud computing por empresas dos Aores	Portuguese	Iscte	2014
10	Ana Patrcia Salgueiro Pais	Uma proposta para a Gesto de uma Infra-estrutura de Rede que no suporte directamente o protocolo OpenFlow	English	Iscte	2014

Total Citations

Web of Science®	416
Scopus	560

Publications

• Scientific Journals

- Scientific journal paper

1	Polónio, J., Moura, J. & Marinheiro, R. N. (2025). Towards automatic detection and mitigation of high-risk cybersecurity vulnerabilities at networked systems. <i>IEEE Access</i> . 13, 181957-181976
2	Polónio, J., Moura, J. & Marinheiro, R. N. (2024). On the road to proactive vulnerability analysis and mitigation leveraged by Software Defined Networks: A systematic review. <i>IEEE Access</i> . 12, 98546-98566 - Times Cited Web of Science®: 4 - Times Cited Scopus: 8 - Times Cited Google Scholar: 10
3	Cardoso, P, Moura, J. & Marinheiro, R. N. (2023). Elastic provisioning of network and computing resources at the edge for IoT services. <i>Sensors</i> . 23 (5) - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 6
4	Santana, P. & Moura, J. (2023). A Bayesian multi-armed bandit algorithm for dynamic end-to-end routing in SDN-based networks with piecewise-stationary rewards. <i>Algorithms</i> . 16 (5) - Times Cited Web of Science®: 3 - Times Cited Scopus: 4 - Times Cited Google Scholar: 6
5	Moura, J. & Hutchison, D. (2022). Resilience enhancement at edge cloud systems. <i>IEEE Access</i> . 10, 45190-45206 - Times Cited Web of Science®: 6 - Times Cited Scopus: 10 - Times Cited Google Scholar: 19
6	Moura, J. & Hutchison, D. (2020). Modeling cooperative behavior for resilience in cyber-physical systems using SDN and NFV. <i>SN Applied Sciences</i> . 2 - Times Cited Web of Science®: 7 - Times Cited Scopus: 10 - Times Cited Google Scholar: 15
7	Moura, J. & Hutchison, D. (2020). Fog computing systems: state of the art, research issues and future trends, with a focus on resilience. <i>Journal of Network and Computer Applications</i> . 169 - Times Cited Web of Science®: 42 - Times Cited Scopus: 52 - Times Cited Google Scholar: 90
8	Moura, J. & Hutchison, D. (2019). Game theory for multi-access edge computing: survey, use cases, and future trends. <i>IEEE Communications Surveys and Tutorials</i> . 21 (1), 260-288 - Times Cited Web of Science®: 165 - Times Cited Scopus: 182 - Times Cited Google Scholar: 254
9	Vales, R., Moura, J. & Marinheiro, R. (2019). Energy-aware and adaptive fog storage mechanism with data replication ruled by spatio-temporal content popularity. <i>Journal of Network and Computer Applications</i> . 135, 84-96 - Times Cited Web of Science®: 20 - Times Cited Scopus: 18 - Times Cited Google Scholar: 33

10	Manso, P., Moura, J. & Serrão, C. (2019). SDN-based intrusion detection system for early detection and mitigation of DDoS attacks. <i>Information</i>. 10 (3) - Times Cited Web of Science®: 68 - Times Cited Scopus: 120 - Times Cited Google Scholar: 159
11	Alves, H., Silva, L. M., Marinheiro, R. N. & Moura, J. A. R. S. (2017). PMIPv6 integrated with MIH for flow mobility management: a real testbed with simultaneous multi-access in heterogeneous mobile networks. <i>Wireless Personal Communications</i>. 98 (1), 1055-1082 - Times Cited Web of Science®: 5 - Times Cited Scopus: 9 - Times Cited Google Scholar: 9
12	Moura, J. & Edwards, C. (2016). Efficient access of mobile flows to heterogeneous networks under flash crowds. <i>Computer Networks</i>. 107 (2), 163-177 - Times Cited Web of Science®: 4 - Times Cited Scopus: 5 - Times Cited Google Scholar: 12
13	Moura, J. & Hutchison, D. (2016). Review and analysis of networking challenges in cloud computing. <i>Journal of Network and Computer Applications</i>. 60, 113 - 129 - Times Cited Web of Science®: 82 - Times Cited Scopus: 89 - Times Cited Google Scholar: 169
14	Moura, J. A. & Edwards, C. (2015). Gestão eficiente do acesso móvel a uma infra-estrutura de rede heterogénea. <i>Kriativ.tech</i>. 5, 5-17
15	Silva, J., Marinheiro, R., Moura, J. & Almeida, J. (2013). Differentiated classes of service and flow management using an hybrid broker. <i>ACEEE International Journal on Communication</i>. 4 (2), 13-22 - Times Cited Google Scholar: 4

• Books and Book Chapters

- Book chapter

1	Silva, J., Moura, J. & Souto, N. (2024). SDN-based network resource management. In Sandeep Kautish, Prasenjit Chatterjee, Dragan Pamucar, N. Pradeep, Deepmala Singh (Ed.), <i>Computational intelligence for modern business systems: Emerging applications and strategies</i>. (pp. 137-156).: Springer.
2	Moura, J., Marinheiro, R. N. & Silva, J. (2022). Game theory for cooperation in multi-access edge computing. In <i>Research anthology on edge computing protocols, applications, and integration</i>. (pp. 229-279).: IGI Global. - Times Cited Google Scholar: 4
3	Moura, J., Marinheiro, R. N. & Silva, J. C. (2018). Game theory for cooperation in multi-access edge computing. In Ramona Trestian, Gabriel-Miro Muntean (Ed.), <i>Paving the way for 5G through the convergence of wireless systems</i>. (pp. 100-149).: IGI Global.
4	Meralto, C., Moura, J. & Marinheiro, R. (2017). Wireless mesh sensor networks with mobile devices: a comprehensive review. In Niranjana K. Ray, Ashok Kumar Turuk (Ed.), <i>Handbook of research on advanced wireless sensor network applications, protocols, and architectures</i>. (pp. 129-155).: IGI Global. - Times Cited Google Scholar: 3

5	Moura, J., Marinheiro, R. N. & Silva, J. (2016). Game Theory for Collaboration in Future Networks. In Information Resources Management Association; (Ed.), Mobile Computing and Wireless Networks. (pp. 2061-2091).: IGI Global. - Times Cited Scopus: 1 - Times Cited Google Scholar: 6
6	Moura, J. & Serrão, C. (2015). Security and privacy issues of big data. In Noor Zaman, Mohamed Elhassan Seliaman, Mohd Fadzil Hassan, Fausto Pedro Garcia Marquez (Ed.), Handbook of research on trends and future directions in big data and web intelligence. (pp. 20-52).: IGI Global. - Times Cited Scopus: 29 - Times Cited Google Scholar: 113
7	Moura, J. & Edwards, C. (2015). Future trends and challenges for mobile and convergent networks. In Abdulrahman Yarali (Ed.), 4G and beyond: The convergence of networks, devices and services.: Nova Science Publishers. - Times Cited Scopus: 1 - Times Cited Google Scholar: 8
8	Moura, J., Batista, F., Cardoso, E. & Nunes, L. (2015). Intelligent management and efficient operation of big data. In Noor Zaman, Mohamed Elhassan Seliaman, Mohd Fadzil Hassan, Fausto Pedro Garcia Marquez (Ed.), Handbook of research on trends and future directions in big data and web intelligence. (pp. 105-129).: IGI Global. - Times Cited Google Scholar: 5
9	Moura, J., Marinheiro, R. & Silva, J. (2014). Game theory for collaboration in future networks. In Ramona Trestian, Gabriel-Miro Muntean (Ed.), Convergence of broadband, broadcast, and cellular network technologies. (pp. 94-123).: IGI Global. - Times Cited Scopus: 3 - Times Cited Google Scholar: 6

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Moura, J. & Santana, P. (2025). Toward End-to-End Deep Learning for Autonomous Management in Next-Generation Networks. In Proceedings for the 16th International Conference on Ubiquitous and Future Networks. (pp. 1-6). Lisboa: IEEE.
2	Moura, J. (2023). Scalable and reliable orchestration for balancing the workload among SDN controllers. In Sajid Anwar, Abrar Ullah, Álvaro Rocha, Maria José Sousa (Ed.), Proceedings of International Conference on Information Technology and Applications: ICITA 2022. (pp. 469-480). Lisboa: Springer.
3	Moura, J. (2023). Decentralized control orchestration for dynamic edge programmable systems. In 2023 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME). Tenerife, Canary Islands, Spain: IEEE. - Times Cited Google Scholar: 1
4	Moura, J. (2023). Scalable and reliable orchestration for balancing the workload among SDN controllers. In Anwar, S., Ullah, A., Rocha, Á., and Sousa, M. J. (Ed.), Proceedings of International Conference on Information Technology and Applications ICITA 2022. Lecture Notes in Networks and Systems. (pp. 469-480). Lisboa: Springer.

5	Mariano, P., Almeida, S. M., Almeida, A., Correia, C., Martins, V., Moura, J....Santana, P. (2022). An information system for air quality monitoring using mobile sensor networks. In Gini, G., Nijmeijer, H., Burgard, W., and Filev, D. (Ed.), Proceedings of the 19th International Conference on Informatics in Control, Automation and Robotics. (pp. 238-246). Lisboa: SCITEPRESS - Science and Technology Publications. - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
6	Moura, J. (2022). Decentralized workload adaptive control plane for edge software-defined networked systems. In Freire, M., & Pato, M. (Ed.), INForum 2022: Atas do 13º Simpósio de Informática. (pp. 342-343). Guarda: UBI - Universidade da Beira Interior. Serviços Gráficos.
7	Piscalho, L., Moura, J. & Marinho, R. N. (2020). Towards a software defined multi-domain architecture for the internet of things. In ICN 2020: The Nineteenth International Conference on Networks. (pp. 61-66). Lisboa: IARIA.
8	Cunha, M., Moura, J. & Nunes, P. (2019). A SDN-based solution towards smooth adaptive playback for dynamic video streaming over HTTP. In Fernando José da Silva Velez (Ed.), Conftel 2019 : Proceedings of the 11th Conference on Telecommunications. Lisboa: Ordem dos Engenheiros (OE).
9	Meralto, C., Moura, J. & Marinho, R. (2015). Mesh Networks for Handheld Mobile Devices. In 10th Conference on Telecommunications, Conftel 2015. Aveiro - Times Cited Google Scholar: 2
10	Alves, H., Marinho, R. & Moura, J. (2015). Flow-Mobility for PMIPv6. In 10th Conference on Telecommunications, Conftel 2015. - Times Cited Google Scholar: 3
11	Silva, J., Moura, J., Marinho, R. N. & Almeida, J. (2013). Optimizing 4G networks with flow management using an hybrid broker. In Third International Conference on Advances in Information Technology and Mobile Communication, AIM.: ACEE and Elsevier. - Times Cited Google Scholar: 5
12	Almeida, J., Marinho, R., Silva, J. & Moura, J. (2013). A framework for QoE measurements of real-time scalable video coding streaming using conventional servers and clients. In Dr. Deshmukh Ratnadeep and Dr. Vinu V Das (Ed.), Third International Conference on Advances in Information Technology and Mobile Communication - AIM. (pp. 85-90). Bangalore: ACEE and Elsevier.
13	Rendeiro, J. M. A., Marinho, R. N., Moura, J. A. & Silva, J. C. (2012). An adaptive management proposal for optimizing the performance of a virtualized computing environment. In 2nd Mosharaka International Conference on Communications and Signal Processing. Barcelona: Mosharaka for Research and Studies.
14	Moura, J., Silva, J. & Marinho, R. N. (2012). A brokerage system for enhancing wireless access. In 2nd Mosharaka International Conference on Communications and Signal Processing. Barcelona: Mosharaka for Research and Studies. - Times Cited Google Scholar: 3
15	Coucelo, J. P., Marinho, R. N., Silva, J. C. & Moura, J. A. (2012). WLAN-UMTS integration to optimize MBMS provision. In 2nd Mosharaka International Conference on Communications and Signal Processing. (pp. 19-23). Barcelona: Mosharaka for Research and Studies.

16	Moura, J. & Edwards, C. (2011). A Dynamic Business Model to Optimize Operator Profit in Constrained Wireless Networks with Heterogeneous Users. In Fernando Boavida, Jorge Sá Silva, Marília Curado, Paulo Simões, Edmundo Monteiro (Ed.), 11ª Conferência sobre Redes de Computadores. (pp. 163-171). Coimbra: Universidade de Coimbra.
17	Moura, J., Pereira, V. & Marinheiro, R. (2008). Successful cooperation between backoff exponential mechanisms to enhance IEEE 802.11 networks. In Vazão, T., Freire, M. M., and Chong, I. (Ed.), Information Networking. Towards Ubiquitous Networking and Services. ICOIN 2007. Lecture Notes in Computer Science. (pp. 425-434). Estoril, Portugal: Springer. - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
18	Mackay, M., Moura, J. & Edwards, C. (2008). Flexible host-based handoff selection for next generation networks. In Bi, J., Gyires, T., and Pozniak-Koszalka, I. (Ed.), Seventh International Conference on Networking (ICN 2008). (pp. 703-712). Cancun, Mexico: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
19	Moura, J., Pereira, V. & Marinheiro, R. N. (2008). Successful cooperation between backoff exponential mechanisms to enhance IEEE 802.11 networks. In Teresa Vazão, Mário M. Freire, Ilyoung Chong (Ed.), Information networking: Towards ubiquitous networking and services: International Conference, ICOIN 2007, Conference proceedings. (pp. 425-434).: Springer. - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 4
20	Moura, J., Dunmore, M. & Edwards, C. (2008). Next generation network management of heterogeneous mobile users. In Proceedings of the 6th ACM international symposium on Mobility management and wireless access. (pp. 111-118). - Times Cited Web of Science®: 2 - Times Cited Scopus: 4 - Times Cited Google Scholar: 14
21	Moura, J., Pereira, V. & Marinheiro, R. (2007). Enhancing 802.11 Networks. In Alves, A. P. (Ed.), ConfTele2007 - 6th Conference on Telecommunications. Peniche, Portugal: DEEC - Universidade de Coimbra. - Times Cited Google Scholar: 1
22	Moura, J., Pereira, V. & Marinheiro, R. N. (2007). What's DECR impact on wireless communications?. In 2007 12th IEEE Symposium on Computers and Communications. (pp. 539-544). Santiago, Portugal: IEEE.
23	Moura, J. A. & Marinheiro, R. N. (2005). MAC approaches for QoS enhancement in wireless LANs. In Workshop in Electronics, Telecommunications, and Computer Engineering. Lisboa - Times Cited Google Scholar: 16
24	Moura, J., Oliveira, J., Carrapatoso, E. & Roque, R. (2002). Service provision & resource discovery in the VESPER VHE. In IEEE International Conference on Communications. New York, USA

- Talk

1	Moura, J. & Santana, P. (2025). Toward End-to-End Deep Learning for Autonomous Management in Next-Generation Networks. Proceedings for the 16th International Conference on Ubiquitous and Future Networks.
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2	Moura, J. (2023). Decentralized Control Orchestration for Dynamic Edge Programmable Systems. Proc. of the International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME 2023).
3	Moura, J. (2022). Decentralized Workload Adaptive Control Plane for Edge Software-Defined Networked Systems. INForum 2022 - 13º Simpósio de Informática.
4	Cunha, M., Moura, J. & Nunes, P. (2019). A SDN-Based Solution Towards Smooth Adaptive Playback for Dynamic Video Streaming over HTTP. 11th Conference on Telecommunications - ConfTele 2019.
5	Moura, J. (2011). A Cooperative System for Enhancing Mobile Access. PhD VIVA.
6	Moura, J. & Edwards, C. (2011). A Dynamic Business Model to Optimize Operator Profit in Constrained Wireless Networks with Heterogeneous Users. CRC.
7	Moura, J., Dunmore, M. & Edwards, C. (2008). Next generation network management of heterogeneous mobile users. Proceedings of the 6th ACM international symposium on Mobility management and wireless access.
8	Moura, J., Oliveira, J., Carrapatoso, E. & Roque, R. (2002). Service provision & resource discovery in the VESPER VHE. IEEE International Conference on Communications. - Times Cited Scopus: 5
9	Moura, J. & Carrapatoso, E. (2001). Sistema distribuído de telemanutenção. 4ª Conferência sobre redes de computadores (CRC 2001).

• Other Publications

- Non-peer-reviewed papers

1	Cardoso, P, Moura, J. & Marinheiro, R. N. (2020). Software-Defined Elastic Provisioning of IoT Edge Computing Virtual Resources. arXiv - Networking and Internet Architecture (cs.NI). 1-27 - Times Cited Google Scholar: 5
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Research Projects

Project Title	Role in Project	Partners	Period
Physical Impairment Modelling in Flexible Optical Node Architectures	Researcher	IT-Iscte (OCPG), Infinera - (Portugal)	2016 - 2018
Remote Piloted Semi-Autonomous Aerial Surveillance System Using Terrestrial Wireless Networks	Researcher	IT-Iscte	2012 - 2014

LTE-Advanced Enhancements using Femtocells	Researcher	IT-Iscte	2012 - 2014
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Academic Management Positions

Coordenador do 3º Ano (2021)
Unit/Area: Bachelor Degree in Computer Engineering (PL)

Coordenador do 3º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Engineering

Coordenador do 3º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Engineering (PL)

Membro (Docente) (2019 - 2021)
Unit/Area: Comissão Pedagógica

Professional Associations

IEEE (2014 - 2016)