

Warning: [2024-08-24 18:11] this document is a print-out of the Ciência-iul web portal and was automatically generated at the labeled date. The document has a mere informational purpose and represents the information contained on Ciência-IUL at that date.

Rui Neto Marinheiro

Professor Associado

Department of Information Science and Technology (ISTA)

Integrated Researcher

Instituto de Telecomunicações - IUL (ISTA)
[Radio Systems Group]



Contacts

E-mail	rui.marinheiro@iscte-iul.pt
Office	C7.07
Telephone	217903907 (Ext: 220628)
Post Box	293

Curriculum

Rui Neto Marinheiro graduated from the Faculty of Engineering of the University of Porto in 1995 with a degree in Electrical and Computer Engineering and a minor in Telecommunications and Computers. He obtained his PhD in Electronics and Computer Science from the University of Southampton, United Kingdom, in July 2001.

After returning to Portugal, he began his teaching activity at the Department of Information Science and Technology at the School of Technology and Architecture of Iscte - University Institute of Lisbon, where he is currently an Associate Professor. He has an extensive teaching experience and has taught dozens of courses at all levels of education. Currently, he is also the Director of the Degree in Telecommunications and Computer Engineering.

Additionally, he has participated in many continuing education programmes and provided cooperation and consultancy services to other institutions. At Iscte, he has also been involved in academic management activities, such as introducing e-Learning teaching, coordinating the Audio-visual Centre, and managing laboratories. Recently, he has been involved in initiatives that promote and manage mobilities, such as the Erasmus+ program.

Regarding his research, integrated in the Instituto de Telecomunicações, he has participated in many international and national projects as a principal or local investigator. He has also participated in organizing many scientific events and has dozens of international scientific publications in the area of computer networks, including network architectures, mobility and heterogeneous networks, communication architecture and systems for the Internet of things, software defined networks, and medium access control protocols.

Research Interests

Computer networks

Communication architectures and systems for the internet of things

Software defined networks

Mobility and heterogeneous networks

Medium access control protocols

Academic Qualifications

University/Institution	Type	Degree	Period
University of Southampton	PhD	Electronics and Computer Science	2001
Faculdade de Engenharia - UP	Licenciade	Engenharia Electrotécnica e de Computadores	1995

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2024/2025	2º	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	No
2024/2025	2º	Communication Architectures and Systems for Iot	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;	Yes
2023/2024	2º	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	No
2023/2024	2º	Communication Architectures and Systems for Iot	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes

2023/2024	1°	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;	Yes
2022/2023	2°	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	No
2022/2023	2°	Communication Architectures and Systems for lot	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2022/2023	1°	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;	Yes
2021/2022	2°	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	No
2021/2022	2°	Communication Architectures and Systems for lot	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2021/2022	1°	lot for Smart Cities	Postgraduate Seminar in IoT for Smart Cities;	No
2021/2022	1°	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;	Yes
2020/2021	2°	Network Security and Management	Bachelor Degree in Telecommunications and Computer Engineering;	No
2020/2021	2°	Communication Architectures and Systems for lot	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2020/2021	1°	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;	Yes
2019/2020	2°	Communication Architectures and Systems for IoT		Yes
2019/2020	2°	lot for Smart Cities	Postgraduate Seminar in IoT for Smart Cities;	No

2019/2020	2º	Computer Networks and Security	Post Graduation Program in Code For All_ISCTE;	Yes
2019/2020	2º	lot for Smart Cities + R&d Projects on Smart {cities, Buildings, Education and Health}	Postgraduate Seminar in IoT for Smart Cities + R&D Projects on Smart {Cities, Buildings, Education and Health};	No
2019/2020	2º	Digital Networks III - Security, Multimedia and Management	Bachelor Degree in Telecommunications and Computer Engineering (PL);	Yes
2019/2020	1º	Computer Networks and Security	Post Graduation Program in Code For All_ISCTE;	Yes
2019/2020	1º	Laboratory of Digital Networks		Yes
2019/2020	1º	Digital Networks II - Systems, Applications and Services	Bachelor Degree in Telecommunications and Computer Engineering (PL);	Yes
2018/2019	2º	Engineering of Digital Networks		No

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Lavi Duarte Indequê	High Speed Satellite Telecommunications Service Planning	Portuguese	Developing	ISCTE-IUL
2	Pedro Alvito Silva	Managment of Fog Internet of Things Resources in Future Softwarized Networks	English	Developing	ISCTE-IUL

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	João Francisco Rosa Polónio	Proactive Discovery and Mitigation of Security Vulnerabilities in Networked Systems	--	Developing	ISCTE-IUL
2	Pedro Miguel Coelho Marques Robalo Afonso	Mitigation of Systems Vulnerabilities and Firewall Automation	--	Developing	ISCTE-IUL
3	Daniel Filipe de Jesus Brás	Assessing the deployment of a walking tour recommendation app	--	Developing	ISCTE-IUL

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Débora Eulália Manhique Cuco	Alternative Architecture Approaches for Distributed Control of Smart Buildings	English	ISCTE-IUL	2023
2	Tomás Miguel Mestre dos Santos	Smart Tourism Toolkit for Crowd-monitoring Solutions.	English	ISCTE-IUL	2023
3	Carlos Daniel Simões Jorge Guerra	IoT Home Automation with Mobile Devices Vision	English	ISCTE-IUL	2022
4	Bernardo Chastre Lopes	Distributed Control for Building Automation with Smart Contracts.	English	ISCTE-IUL	2022
5	Kaiser Jacinto Carimo	Development of a monitoring system for environmental conditions using LoRa communication	Portuguese	ISCTE-IUL	2020
6	Bernardo Marques Correia da Silva	Non-invasive monitoring with Ballistocardiographic sensors for sleep management.	Portuguese	ISCTE-IUL	2020
7	Iran Jacinto Carimo	Energy Consumption Monitoring System	Portuguese	ISCTE-IUL	2020
8	Rúben Dias da Silva	A turism crowding sensor using multiple techniques detection	English	ISCTE-IUL	2019
9	Rui Jorge Silva Passinhas	Integration of Mobile Devices in Home Automation with use of Machine Learning for Object Recognition	English	ISCTE-IUL	2019
10	Patrícia Galego Cardoso	A SOFTWARE-DEFINED NETWORK SOLUTION FOR MANAGING FOG COMPUTING RESOURCES IN SENSOR NETWORKS	English	ISCTE-IUL	2019
11	Leonel Duque Piscalho Júnior	Towards a Software Defined Network based Multi-Domain Architecture for the Internet of Things	English	ISCTE-IUL	2019
12	Joao David Guerreiro de Brito	Improving the Integration of Mobile Devices Sensors in Home Automation	Portuguese	ISCTE-IUL	2019
13	Ruben Oliveira Vales	Nomadic Fog Storage	English	ISCTE-IUL	2017
14	Carlos José Pereira da Silva Meralto	Mesh networks for handheld mobile devices	English	ISCTE-IUL	2015
15	Ricardo Jorge Macedo Mota João	MQV3D:Monitor de Qualidade de Vídeo 3D	Portuguese	ISCTE-IUL	2015
16	Hugo Miguel Almeida Alves	Simultaneous Multi-Acess in Heterogeneous Mobile Networks	English	ISCTE-IUL	2015
17	Rui Valdemar Pereira Madaleno	Uma abordagem Delphi e AHP para selecção de aplicações a disponibilizar em modelo SAAS	Portuguese	ISCTE-IUL	2012

18	João Maria Azedo Rendeiro	--	ISCTE-IUL	2011
----	---------------------------	----	-----------	------

Total Citations

Web of Science®	76
Scopus	94

Publications

• Scientific Journals

- Scientific journal paper

1	Polónio, J., Moura, J. & Marinho, 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
2	Cardoso, P, Moura, J. & Marinho, 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®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 1
3	Vales, R., Moura, J. & Marinho, 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®: 18 - Times Cited Scopus: 16 - Times Cited Google Scholar: 29
4	Alves, H., Silva, L. M., Marinho, 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®: 4 - Times Cited Scopus: 5 - Times Cited Google Scholar: 6
5	Afonso, L., Souto, N., Sebastião, P., Ribeiro, M., Tavares, T. & Marinho, R. (2016). Cellular for the skies: exploiting mobile network infrastructure for low altitude air-to-ground communications. <i>IEEE Aerospace and Electronic Systems Magazine</i> . 31 (8), 4-11 - Times Cited Web of Science®: 38 - Times Cited Scopus: 37 - Times Cited Google Scholar: 67
6	Silva, J., Marinho, 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: 3
7	Marinho, R. N. & Serrão, C. (2011). Segurança em Redes e Aplicações: Desafios e Perspectivas de Futuro. <i>Comunicações Revista da Associação Portuguesa para o Desenvolvimento das Comunicações</i> . 25 (199), 67-68

• Books and Book Chapters

- Book chapter

1	Mestre Santos, T., Marinheiro, R. N. & Brito e Abreu, F. (2024). Wireless Crowd Detection for Smart Overtourism Mitigation. In Elena Kornysheva, Rébecca Deneckère, Eric Gressier-Soudan, John Murray, Sjaak Brinkkemper (Ed.), Smart Life and Smart Life Engineering: Current State and Future Vision. (pp. 1-21).: Springer Nature. - Times Cited Google Scholar: 1
2	Moura, J., Marinheiro, R. N. & Silva, J. (2022). Game theory for cooperation in multi-access edge computing. In Research anthology on edge computing protocols, applications, and integration. (pp. 229-279).: IGI Global. - Times Cited Google Scholar: 3
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.), Paving the way for 5G through the convergence of wireless systems. (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.), Handbook of research on advanced wireless sensor network applications, protocols, and architectures. (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: 5
6	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: 5

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Brito e Abreu, F., Marinheiro, R. N., Boavida-Portugal, I., Lopes, A., Mestre Santos, T., Sampaio de Almeida, D....Simões, R. (2024). A digital transformation approach to scaffold tourism crowding management: pre-factum, on-factum, and post-factum. In 2024 Joint International Conference on Digital Arts, Media and Technology with ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering (ECTI DAMT & NCON). (pp. 586-591). Chiang-mai, Thailand: IEEE.
2	Silva, B. & Marinheiro, R. N. (2021). Non-invasive monitoring with ballistocardiographic sensors for sleep management. In 2021 Telecoms Conference (ConfTELE). Leiria: IEEE. - Times Cited Scopus: 2 - Times Cited Google Scholar: 5
3	Passinhas, R., Marinheiro, R. N. & Nunes, P. (2020). Integration of mobile devices in home automation with use of machine learning for object recognition. In EATIS '20: Proceedings of the 10th Euro-American Conference on Telematics and Information Systems. Aveiro: Association for Computing Machinery. - Times Cited Google Scholar: 2

4	Piscalho, L., Moura, J. & Marinheiro, 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.
5	Silva, R. D., Marinheiro, R. N. & Abreu, F. B. (2019). Crowding detection combining trace elements from heterogeneous wireless technologies. In 2019 22nd International Symposium on Wireless Personal Multimedia Communications (WPMC). Lisbon, Portugal: IEEE. - Times Cited Google Scholar: 5
6	João, R., Marinheiro, R., Assunção, P. & Cruz, L. (2016). A flexible monitor for assessing 3D video QoE in real-time. In 2016 IEEE International Conference on Communications Workshops (ICC). Kuala Lumpur, Malaysia: IEEE.
7	Meralto, C., Moura, J. & Marinheiro, R. (2015). Mesh Networks for Handheld Mobile Devices. In 10th Conference on Telecommunications, Conftele 2015. Aveiro - Times Cited Google Scholar: 1
8	Alves, H., Marinheiro, R. & Moura, J. (2015). Flow-Mobility for PMIPv6. In 10th Conference on Telecommunications, Conftele 2015. - Times Cited Google Scholar: 3
9	Soares, J., Cruz, L., Assunção, P. & Marinheiro, R. (2014). No-reference lightweight estimation of 3D video objective quality. In Conference Proceedings: 2014 IEEE International Conference on Image Processing (ICIP). (pp. 760-767). Paris: IEEE. - Times Cited Web of Science®: 4 - Times Cited Scopus: 4 - Times Cited Google Scholar: 7
10	Feitor, B., Assunção, P.A., Cruz, L. A. & Marinheiro, R.N. (2013). No-Reference Quality Models for Single Frame Loss in 3D Video. In Conftele2013 - 9th Conference on Telecommunications. Castelo Branco - Times Cited Google Scholar: 2
11	Feitor, B., Assunção, P., Soares, J., Cruz, L. A. & Marinheiro, R. N. (2013). Objective quality prediction model for lost frames in 3D video over TS. In 2013 IEEE International Conference on Communications Workshops (ICC). (pp. 622-625). Budapest: IEEE. - Times Cited Web of Science®: 9 - Times Cited Scopus: 12 - Times Cited Google Scholar: 24
12	Madaleno, R. & Marinheiro, R. N. (2013). Identification and ranking of relevant criteria for the selection of Software as a Service. In 2013 8th Iberian Conference on Information Systems and Technologies (CISTI). Lisboa: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 3
13	Almeida, J., Marinheiro, 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.
14	Silva, J., Moura, J., Marinheiro, 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

15	Rendeiro, J. M. A., Marinheiro, 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.
16	Moura, J., Silva, J. & Marinheiro, 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
17	Coucelo, J. P., Marinheiro, 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.
18	Dias, H. & Marinheiro, R. N. (2011). Peer-to-peer collaboration in content delivery networks. In The International Conference on Information Networking 2011 (ICOIN2011). (pp. 91-96). Kuala Lumpur: IEEE. - Times Cited Google Scholar: 1
19	Mateus, A. & Marinheiro, R. N. (2010). A media independent information service integration architecture for media independent handover. In Gyires, T., Hladka, E., Lorenz, P., and Pozniak-Koszalka, I. (Ed.), 2010 Ninth International Conference on Networks. (pp. 173-178). Menuires, France : IEEE. - Times Cited Scopus: 6 - Times Cited Google Scholar: 11
20	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
21	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
22	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
23	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.
24	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
25	Ruas, A., Cristovão, N., Correia, A. & Marinheiro, R. N. (2004). E-learning do campus virtual do ISCTE. In Conferência eLES'04: eLearning no ensino superior.

26	<p>Botelho, L., Marinheiro, R., Mendes, H. & Figueiredo, P. (2003). Send Fredo off to do this, send Fredo off to do that. In Klusch, M., Omicini, A., Ossowski, S., and Laamanen, H. (Ed.), Cooperative Information Agents VII. CIA 2003. Lecture Notes in Computer Science. (pp. 152-159). Helsinki, Finland: Springer.</p> <p>- Times Cited Scopus: 1 - Times Cited Google Scholar: 11</p>
27	<p>Marinheiro, R. N. & W. Hall (1998). Expanding a hypertext information retrieval system to incorporate multimedia information. In Proceedings of the Thirty-First Hawaii International Conference on System Sciences. (pp. 286-295). Kohala Coast, HI, USA: IEEE Comput. Soc.</p> <p>- Times Cited Web of Science®: 1 - Times Cited Scopus: 3 - Times Cited Google Scholar: 10</p>

- Talk

1	<p>Marinheiro, R. N., Mestre Santos, T. & Brito e Abreu, F. (2023). STToolkit for Crowding Monitoring Solutions. RESETTING 2nd General Assembly.</p>
2	<p>Mestre Santos, T., Marinheiro, R. N. & Brito e Abreu, F. (2023). Ongoing work on Task 3.3: STToolkit for a crowding monitoring solution. RESETTING 3rd General Assembly.</p>
3	<p>Mestre Santos, T., Marinheiro, R. N. & Brito e Abreu, F. (2023). Wireless Sensor for Tourism Overcrowding. International Posters & Demos Workshop on Smart Tourism.</p>
4	<p>Mestre Santos, T., Marinheiro, R. N. & Brito e Abreu, F. (2023). Making Tourists Experience Smarter by Mitigating Overtourism. Third International Workshop on Information Systems Engineering for Smarter Life (ISESL23).</p>
5	<p>Nunes, P., Marinheiro, R. N. & Passinhas, R. (2020). Integration of Mobile Devices in Home Automation with use of Machine Learning for Object Recognition. 10th Euro American Conference on Telematics and Information Systems.</p>
6	<p>Marinheiro, R. (2015). Service and Flow management. The 6th International Conference on Information and Communication Technologies.</p>
7	<p>Marinheiro, R.N. (2013). Towards Ubiquitous Heterogeneous Mobile Networks. 5th International Conference on Information and Communication Technologies, 2013.</p>
8	<p>Esteves, R. & Marinheiro, R. N. (2011). Self-organising Nebula Clouds: A Hybrid Approach Proposal. European Conf. on Complex Systems - ECCS.</p>
9	<p>Marinheiro, R. N. (2011). Mobile Networks and Wireless LANs. International Conference on Information Networking - ICOIN.</p>
10	<p>Silva, L. & Marinheiro, R. N. (2006). eLearning e a Escola do Futuro no ISCTE. 6ª Edição da Conferência Internacional sobre E-Learning e Tecnologias de Educação e Formação Profissional.</p>
11	<p>Silva, L., Monteiro, J. & Marinheiro, R. N. (2006). e-ISCTE - Ensino e Aprendizagem com e-Learning. 1ª Jornada Pedagógica em Psicologia.</p>
12	<p>Silva, L., Monteiro, J. & Marinheiro, R. N. (2006). Projecto e-ISCTE. 1ª Conferência "Ensino Superior - Desafios e Estratégias" Bolonha e o e-Learning.</p>

• 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: 4
---	--

- Doctoral Thesis

1	Marinheiro, R. N. (2001). Using Context to Integrate Hypermedia with Information Retrieval Systems.
---	---

- Report

1	Mestre Santos, T., Marinheiro, R. N. & Brito e Abreu, F. (2023). Toolkit for implementing tourism crowd detection solutions.
2	Marinheiro, R. (2014). LTE-Advanced Enhancements using Femtocells Final Report.

Research Projects			
Project Title	Role in Project	Partners	Period
Relaunching European smart and Sustainable Tourism models Through digitalization and INnovative technologies	Researcher	ISTAR-Iscte, BRU-Iscte, IT-Iscte, EURECAT - Leader (Spain), TICSUD - (Spain), FEHT-Turism - (Spain), - - (Italy), ANHER - (Greece), Albanian Trip - (Albania), AUDAX - (Portugal)	2022 - 2024
2022	Physical Impairment Modelling in Flexible Optical Node Architectures	Researcher	IT-Iscte, Infinera - (Portugal)
2016 - 2018	2016	Remote Piloted Semi-Autonomous Aerial Surveillance System Using Terrestrial Wireless Networks	Researcher
IT-Iscte	2012 - 2014	2012	LTE-Advanced Enhancements using Femtocells
Local Coordinator	IT-Iscte	2012 - 2014	2012
3D Video Quality Monitor	Local Coordinator	IT-Iscte	2011 - 2015

2011	Emerging Networking Experiments and Technologies	Researcher	ADETTI-IUL
2004 - 2006	2004	Testbed for Worldwide Agent Network: Research and Development	Researcher

Academic Management Positions

Coordenador do 3º Ano (2023 - 2024)
Unit/Area: [9098] Telecommunications and Computer Engineering

Director (2023 - 2025)
Unit/Area: [9098] Telecommunications and Computer Engineering

Coordenador (2023 - 2025)
Unit/Area: Missão do Processo de Desmaterialização das Mobilidades Erasmus (Erasmus without paper)

Membro (Docente) (2022 - 2025)
Unit/Area: Comissão Científica

Coordenador do 3º Ano (2021 - 2023)
Unit/Area: [9098] Telecommunications and Computer Engineering

Director (2021 - 2023)
Unit/Area: [9098] Telecommunications and Computer Engineering

Coordenador do 3º Ano (2019 - 2021)
Unit/Area: [9098] Telecommunications and Computer Engineering

Director (2019 - 2021)
Unit/Area: [9098] Telecommunications and Computer Engineering

Coordenador do 3º Ano (2016 - 2018)
Unit/Area: [8365] Telecommunications and Computer Engineering (PL)

Coordenador do 3º Ano (2016 - 2018)
Unit/Area: [9098] Telecommunications and Computer Engineering

Coordenador (2015 - 2017)
Unit/Area: Department of Information Science and Technology

Coordenador do 3º Ano (2014 - 2016)
Unit/Area: [9098] Telecommunications and Computer Engineering

Coordenador do 3º Ano (2014 - 2016)
Unit/Area: [8365] Telecommunications and Computer Engineering (PL)

Coordenador do 3º Ano (2011 - 2014)
Unit/Area: [9098] Telecommunications and Computer Engineering

Professional Associations

Ordem dos Engenheiros (--)