

Curriculum Vitae

Nuno Mateus Coelho

Nuno Mateus-Coelho é Professor Adjunto Convidado de Segurança Informática no Instituto Politécnico do Cavado e Ave; Professor Associado na Universidade Lusófona; Cyber Security Adviser na FORVIA e na Nanium Grupo Amkor; CEO da NRMC.PT; Perito Judicial do Ministério da Justiça e CISO & DPO de várias organizações de relevo nacionais. É Licenciado em Engenharia de Sistemas de Informação, Mestre em Engenharia Informática (Segurança Informática) pelo Instituto Superior de Engenharia do Porto, Doutor em Informática (Segurança Informática) pela Universidade de Trás-os-Montes e Alto Douro e Pós-Graduando em Segurança Informática na Universidade Lusófona. É Editor Chefe da revista científica ARIS2-Journal, Diretor do LAPI2S - Laboratory of Privacy and Information Systems Security, General Chair da iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation e autor de várias obras, livros e artigos científicos de Segurança Informática. É Engenheiro Sénior e Especialista da Ordem dos Engenheiros e também é especialista credenciado pela Comissão Europeia em projetos de de informação e Segurança Informática. Nuno Mateus-Coelho é orador do TED, IEEE e da Web Summit Lisboa em Tecnologia e Segurança Informática, é comentador especialista em cibersegurança e ciberterrorismo na CNN Portugal e na TVI, onde também tem uma coluna de opinião. Em 2021 venceu a competição internacional Inncyber Innovation Award para "best european research" em Segurança Informática, prémio que incluiu uma semana de imersão na Universidade da California- Riverside, tendo em 2023 alcançado o segundo lugar nesta competição. A sua maior obra foi o Vent2Life, projeto que visou a reparação de ventiladores hospitalares em plena crise COVID, tendo este projeto recuperado duas centenas de equipamentos, contribuindo assim para o esforço de combate ao COVID no salvamento de centenas de vidas humanas.

Identification

Personal identification

Full name
Nuno Mateus Coelho

Citation names

Coelho, Nuno Ricardo Nateus
Coelho, Nuno Mateus
Nuno Ricardo Mateus-Coelho
Nuno Mateus-Coelho

Author identifiers

Ciência ID
A514-DAF9-ECB2

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0000-0001-5517-9181

Email addresses

nuno.coelho@ulusofona.pt (Professional)

Websites

https://www.linkedin.com/in/nunormc/ (Social media)

Knowledge fields

Engineering and Technology
Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics
Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics - Computer Hardware and Architecture
Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics - Communication
Engineering and Systems
Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese	Advanced (C1)	Advanced (C1)	Advanced (C1)	Advanced (C1)	
English	Advanced (C1)	Advanced (C1)	Advanced (C1)	Advanced (C1)	

Education

	Degree	Classification
2023/01/01 - 2025/01/01 Ongoing	Pós-Doutoramento em Segurança Informática (Post-Doctorate) Major in Informática - Segurança Informática Universidade Lusófona de Humanidades e Tecnologias, Portugal	
2020/07/08 Concluded	Doutoramento em Informática (Doctorate) Major in Segurança Informática Universidade de Trás-os-Montes e Alto Douro, Portugal *"Paranoid Operating Systems Methodology for Anonymous & Secure Web Browsing" (THESIS/DISSERTATION)*	20
2015 Concluded	Engenharia Informática (Master's Degree) Instituto Politécnico do Porto, Portugal *"Navegação Web Anónima e Segura"* *(THESIS/DISSERTATION)*	
2010 Concluded	Engenharia de Sistemas de Informação (Licenciate Degree) Instituto Superior de Línguas e Administração Lisboa, Portugal	

Affiliation

Science

	Category Host institution/organization	Employer
2022/12 - Current	Researcher (Research) Universidade Lusófona de Humanidades e Tecnologias, Portugal	Universidade Nova de Lisboa Centro de Tecnologias e Sistemas, Portugal
2022/02/01 - Current	Auxiliary Researcher (Research) Universidade Lusófona Associação para a Investigação e Desenvolvimento em Cognição e Computação Centrado nas Pessoas, Portugal	Universidade Lusófona Associação para a Investigação e Desenvolvimento em Cognição e Computação Centrado nas Pessoas, Portugal
2022 - Current	Science and Technology Management Instituto Politécnico de Gestão e Tecnologia Escola Superior de Tecnologia, Portugal	LAPIS2 - Laboratory of Privacy and Information Systems Security, Portugal
2021 - Current	Science and Technology Management Instituto Politécnico de Gestão e Tecnologia Escola Superior de Tecnologia, Portugal	ARIS - Advance Research on Information Security, an International Journal, Portugal
2021/07/01 - 2023/01/01	Principal Investigator (Research) Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal	Instituto Politécnico do Porto, Portugal
2015/01/01 - 2020/01/01	Researcher (Research)	Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal
2016/09/01 - 2020	Researcher (Research)	Universidade de Trás-os-Montes e Alto Douro, Portugal

Teaching in Higher Education

	Category Host institution/organization	Employer

2022/02/01 - Current	Associate Professor (University Teacher)	Universidade Lusófona do Porto Faculdade de Ciências Naturais Engenharias e Tecnologias, Portugal
2015/09 - Current	Adjunct Teacher (Polytechnic Teacher)	ISLA Instituto Politécnico de Gestão e Tecnologia, Portugal
2018/05/01 - 2025/05/31	Invited Adjunct Teacher (Polytechnic Teacher) Instituto Politécnico do Cávado e do Ave Departamento de Direito, Portugal	Instituto Politécnico do Cávado e do Ave, Portugal

Positions / Appointments

	Category Host institution/organization	Employer
2021/09/04 - Current	Cyber Security Adviser	Faurecia Automotive, Portugal

Others

	Category Host institution/organization	Employer
2016/01/01 - Current	Board Adviser	Nanium SA, Portugal
2013/04/04 - Current	ICT Engineer & European Comission Certified Project Expert - REA	European Commission, Belgium
2012/01/01 - Current	CEO & Founder	NRMC.PT, Portugal
2020/09/01 - 2022	5G Laboratory Manager	Altran Technologies SA, France
2014/01/01 - 2020/08/31	Project Manager & Cybersecurity Expert	Altran Technologies SA, France
2014/06/01 - 2020/06/15	Project Manager | Service Manager & Presales Engineer	Vodafone Portugal SA, Portugal

2018/06/01 - 2018/09/01	Senior Information Security Specialist & GDPR - Consultant	Sony Europe BV, United Kingdom
2017/02/01 - 2018/06/18	Senior Information Security Researcher - Consultant	Checkmarx, Israel
2014/04/01 - 2015/06/30	Information Technology Program Project Manager	Sonae - MCH, Portugal
2012/06/01 - 2013/11/30	Head of IT	Inovamais SA, Portugal
2009/04/01 - 2012/07/31	Head of IT	Squarenest Lda, Portugal
2005/01/01 - 2009/05/31	Senior Technical Manager and Security Auditor	Regra SA, Portugal

Projects

Contract

	Designation	Funders
2023/01/01 - Current	CyberSecPro - Collaborative, Multi-modal and Agile Professional Cybersecurity Training Program for A Skilled Workforce In the European Digital Single Market and Industries CyberSecPro Project WP5 Leader Work Package Leader Horizon 2020, Belgium	Digital Europe Programme: , Portugal Ongoing
2020/01/01 - Current	FCT - Fundação para a Ciência e Tecnologia and FCT/MCTES in the scope of the project UIDB/05549/2020 UIDB/05549/2020 Research Fellow	Ongoing
2025/01/01 - 2029/12/31	Centro de Tecnologias e Sistemas (CTS) UID/00066/2025 10.54499/UID/00066/2025 Instituto Politécnico de Lisboa Instituto Superior de	Fundação para a Ciência e a Tecnologia, Portugal Ongoing

Engenharia de Lisboa, Portugal
UNINOVA Instituto de Desenvolvimento de Novas Tecnologias, Portugal
Universidade Nova de Lisboa, Portugal
Universidade Nova de Lisboa Centro de Tecnologias e Sistemas, Portugal

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2021/01/01 - 2025/12/31

Laboratório Associado de Sistemas Inteligentes

LA/P/0104/2020
10.54499/LA/P/0104/2020

Universidade de Aveiro Instituto de Engenharia Eletrónica e Informática de Aveiro, Portugal
Universidade do Porto Faculdade de Ciências, Portugal
Universidade do Minho Centro ALGORITMI, Portugal
Instituto Politécnico do Porto Centro de Investigação em Sistemas Computacionais Embebidos e de Tempo-Real, Portugal
Instituto Politécnico do Porto Grupo de Investigação em Engenharia e Computação Inteligente para a Inovação e o Desenvolvimento, Portugal
Universidade de Coimbra, Portugal
Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal
Universidade Nova de Lisboa, Portugal
Universidade do Porto Faculdade de Engenharia, Portugal
Universidade do Minho Instituto de Polímeros e Compósitos, Portugal
Universidade de Aveiro Centro de Tecnologia Mecânica e Automação, Portugal
Universidade de Aveiro, Portugal
Universidade Nova de Lisboa Unidade de Investigação e Desenvolvimento em Engenharia Mecânica e Industrial, Portugal
Universidade Nova de Lisboa Centro de Tecnologias e Sistemas, Portugal
Universidade do Porto Laboratório de Inteligência Artificial e Ciência de Computadores, Portugal
Instituto Politécnico do Cávado e do Ave, Portugal
Universidade de Coimbra Centro de Informatica e Sistemas, Portugal
Universidade do Minho, Portugal
Universidade do Porto Centro de Matemática, Portugal

Fundação para a Ciência e a Tecnologia, Portugal

Ongoing

2020/01/01 - 2020/07/31

Vent2Life

vent2life

Other

Ordem dos Engenheiros, Portugal
Ordem dos Médicos, Portugal
Exército Português, Portugal
Universidade Nova de Lisboa, Portugal
Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal

Ordem dos Engenheiros, Portugal
Ordem dos Médicos, Portugal
Exército Português, Portugal
Concluded

Outputs

Publications

Book	1	Mateus-Coelho, N.; Cruz-Cunha, M.M.. *Contemporary challenges for cyber security and data privacy*. 2023. 10.4018/9798369315286
Book chapter	1	Daniel Jorge Ferreira; Nuno Mateus-Coelho. "Cybersecurity Risks in Health Data and Measures to Take". 2023. 10.4018/978-1-6684-8422-7.ch001
	2	Daniel Jorge Ferreira; Henrique S. Mamede; Nuno Mateus-Coelho. "Risk Management in the Current Digital Reality of Organizations". 2023. 10.4018/979-8-3693-1528-6.ch003
	3	Ferreira, D.J.; Mateus-Coelho, N.. "Cybersecurity risks in health data and measures to take". 1-18. 2023.
	4	Nuno Ricardo Mateus-Coelho; Benjamim Ribeiro Fonseca; António Vieira Castro. "POSMASWEB". In *Paranoid Operating System Methodology for Anonymous and Secure Web Browsing*, 466-497. {IGI, 2021. 10.4018/978-1-7998-5728-0.ch023
Conference paper	1	Costa, André F.; Nuno Mateus-Coelho. "Towards a Trustworthy Conversational AI for Cybersecurity: A Proposal for a Knowledge-Augmented Architecture". Paper presented in *ISCSI 2025 – International Conference on Industry Sciences and Computer Science Innovation*, 2025. Accepted
	2	Costa, André F.; Coelho, Nuno Mateus. "Evolving Cybersecurity Challenges in the Age of AI-Powered Chatbots: A Comprehensive Review". Paper presented in *DoCEIS*, *Lisboa*, 2024. Accepted
	3	Coelho, Nuno Mateus. "Artificial Intelligence Applied to Portuguese Sign Language". Paper presented in *CENTERIS – International Conference on ENTERprise Information Systems*, *Porto*, 2023. Published
	4	Coelho, Nuno Mateus. "Virtual Reality on Public Speaking Phobia mitigation". Paper presented in *CENTERIS - International Conference on ENTERprise Information Systems - Elsevier*, *Porto*, 2023. Published
	5	Nuno Mateus-Coelho. "Evaluating Effectiveness and Security in Microservices Architecture". Paper presented in *iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation*, *Lisboa*, 2023. Published
	6	Coelho, Nuno Mateus. "Blockchain - Decentralized Bookmaker". Paper presented in *iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation*, *Lisboa*, 2023. Published

7 Ferreira, D.J.; Mateus-Coelho, N.; Mamede, H.S.. "Methodology for predictive cyber security risk assessment (PCSRA)". 2023.

10.1016/j.procs.2023.01.447

8 Nuno Mateus-Coelho. "Methodology for Predictive Cyber Security Risk Assessment (PCSRA)". Paper presented in *CENTERIS – International Conference on ENTERprise Information Systems / ProjMAN – International Conference on Project MANagement / HCist – International Conference on Health and Social Care Information Systems and Technologies 2022*, *Lisboa*, 2022.

Accepted

9 Nuno Mateus-Coelho; Cruz-Cunha, Maria Manuela. "ChevroCrypto Blockchain Cryptographic File System Prototype". Paper presented in *CENTERIS International Conference on ENTERprise Information Systems / ProjMAN International Conference on Project MANagement / HCist ¿ International Conference on Health and Social Care Information Systems and Technologies 2022*, *Lisboa*, 2022.

Accepted • 10.1016/j.procs.2023.01.446

10 Nuno Mateus-Coelho. "Paranoid Operating System: Wearable Trackers". Paper presented in *CENTERIS – International Conference on ENTERprise Information Systems / ProjMAN – International Conference on Project MANagement / HCist – International Conference on Health and Social Care Information Systems and Technologies 2022*, *Lisboa*, 2022.

Published

11 Filipe Alves; Coelho, Nuno Mateus; Cruz-Cunha, Maria Manuela. "ChevroCrypto - Security API". Paper presented in *iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation*, *Porto*, 2022.

Published • https://doi.org/10.1016/j.procs.2022.08.014

12 Saraiva, Mário; Coelho, Nuno Mateus. "CyberSoc Framework - State-of-Art Systematic Review". Paper presented in *iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation*, *Porto*, 2022.

Published • https://doi.org/10.1016/j.procs.2022.08.117

13 Coelho, Nuno Mateus. "Serverless Service Architectures and Security Minimals". Paper presented in *2022 10th International Symposium on Digital Forensics and Security (ISDFS)*, *Istabul*, 2022.

Accepted

14 Filipe Alves; Coelho, Nuno Mateus; Cruz-Cunha, Maria Manuela. "ChevroCrypto - Security & Cryptography Broker". Paper presented in *2022 10th International Symposium on Digital Forensics and Security (ISDFS)*, *Istanbul*, 2022.

Accepted • https://doi.org/10.1109/ISDFS55398.2022.9800797

15 Mario Saraiva; Coelho, Nuno Mateus. "CyberSoc Implementation Plan". Paper presented in *2022 10th International Symposium on Digital Forensics and Security (ISDFS)*, *Istanbul*, 2022.

Accepted • https://ieeexplore.ieee.org/document/9800819#:~:text=10.1109/ISDFS55398.2022.9800819

16 Filipe Alves; Nuno Mateus-Coelho; Manuela Cruz-Cunha. "ChevroCrypto - Cryptography API". Paper presented in *iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation*, 2022.

Published • 10.1016/J.PROCS.2022.08.014

17 Mateus-Coelho, N.; Cruz-Cunha, M.. "Preface". 2022.

10.1016/j.procs.2022.08.120

18 Almeida, A.; Mateus-Coelho, N.; Lopes, N.; Portela, I.. "Paranoid OS: Wearable Trackers". 2022.

10.1016/j.procs.2022.08.104

19 Mateus-Coelho, N.; Cruz-Cunha, M.. "Serverless Service Architectures and Security Minimals". 2022.

10.1109/ISDFS55398.2022.9800779

20 Nuno Mateus-Coelho. "Session Hijacking: XSS Approach and Prevention". Paper presented in *International Conference on Advanced Research in Technologies, Information, Innovation, and Sustainability*, *Santa Elena*, 2021.

Accepted

21 Mateus-Coelho, N.; Cruz-Cunha, M.; Ferreira, L.G.. "Security in microservices architectures". 2021.

10.1016/j.procs.2021.01.320

22 Cruz-Cunha, M.M.; Martinho, R.; Rijo, R.; Peres, E.; Domingos, D.; Mateus-Coelho, N.. "Preface". 2021.

10.1016/j.procs.2021.01.092

23 Mateus-Coelho, N.. "A new methodology for the development of secure and paranoid operating systems". 2021.

10.1016/j.procs.2021.01.318

24 Alves, F.; Mateus-Coelho, N.; Cruz-Cunha, M.. "Encryption file system framework - Proof of concept". 2021.

10.1016/j.procs.2021.01.322

25 Duarte, Nelson; Coelho, Nuno; Guarda, Teresa. "Social Engineering: The Art of Attacks". Paper presented in *International Conference on Advanced Research in Technologies, Information, Innovation, and Sustainability*, 2021.

Published • 10.1007/978-3-030-90241-4_36

26 Nuno Mateus-Coelho; Manuela Cruz-Cunha; Luis Gonzaga Martins Ferreira. "mLearning and mHealth education applications in SARS-Cov2 Pandemic". Paper presented in *VINORG 2020*, *Guimarães*, 2020.

Published

27 Nuno Mateus-Coelho. "A New Methodology for the Development of Secure and Paranoid Operating Systems". Paper presented in *CENTERIS - International Conference on ENTERprise Information Systems / ProjMAN - International Conference on Project MANagement / HCist - International Conference on Health and Social Care Information Systems and Technologies 2020*, 2020.

Published • https://doi.org/10.1016/j.procs.2021.01.318

28 Nuno Mateus-Coelho. "Security in Microservices Architectures". Paper presented in *CENTERIS - International Conference on ENTERprise Information Systems / ProjMAN - International Conference on Project MANagement / HCist - International Conference on Health and Social Care Information Systems and Technologies 2020*, *Vilamoura*, 2020.

Published • https://doi.org/10.1016/j.procs.2021.01.320

29 Nuno Mateus-Coelho. "Encryption File System Framework - Proof of Concept". Paper presented in *CENTERIS - International Conference on ENTERprise Information Systems / ProjMAN - International Conference on Project MANagement / HCist - International Conference on Health and Social Care Information Systems and Technologies 2020*, *Vilamoura*, 2020.

Published • https://doi.org/10.1016/j.procs.2021.01.322

	30	Coelho, Nuno Mateus; Peixoto, Miguel; Cruz-Cunha, Maria Manuela. "Prototype of a paranoid mobile operating system distribution". Paper presented in *IEEE 2019 7th International Symposium on Digital Forensics and Security*, *Barcelos*, 2019. Published · 10.1109/isdfs.2019.8757551
	31	Nuno Coelho; Universidade Trás-os-Montes e Alto Douro; Portugal; Benjamim Fonseca; António Castro; Instituto Superior de Engenharia do Porto. "PARANOID OPERATIVE SYSTEM METHODOLOGY FOR ANONYMOUS & SECURE WEB BROWSING, DOCTORAL PROJECT". 2017. 10.18803/capsi.v17.127-143
	32	Nuno Mateus-Coelho; Castro, António Abel Vieira de; José Joaquim Magalhães Moreira. "Safe and Anonymous Web Browsing". Paper presented in *ViNOrg'15, Fourth International Conference on Virtual and Networked Organizations Emergent Technologies and Tools*, *Póvoa de Varzim*, 2015. Published
Edited book	1	Coelho, Nuno Mateus, ed. *Exploring Cyber Criminals and Data Privacy Measures*. Boston, United States: IGI Global. 2023. Published · Editor
	2	Coelho, Nuno Mateus, ed. *Contemporary Challenges for Cyber Security and Data Privacy*. Boston, United States: IGI Global. 2023. Published · Editor
	3	Nuno Mateus-Coelho, ed. *Handbook of Research on Cyber Crime and Information Privacy*. Boston, United States: IGI Global. 2020. Published
Journal article	1	Pedro Almeida Perdigão; Nuno Mateus Coelho; José Cascais Brás. "AI-Driven Threats in Social Learning Environments - A Multivocal Literature Review". *ARIS2 - Advanced Research on Information Systems Security* (2025): https://doi.org/10.56394/aris2.v5i1.60. 10.56394/aris2.v5i1.60
	2	Andre´ Costa; Nuno Mateus-Coelho; Manuela Cruz-Cunha. "Efficient Git Repository Analysis: A Modular Plugin Approach". *Procedia Computer Science* (2025): http://dx.doi.org/10.1016/j.procs.2025.07.038. 10.1016/j.procs.2025.07.038
	3	Ricardo Ribeiro; Nuno Mateus-Coelho; Henrique Mamede. "Improving Social Engineering Resilience In Enterprises". *ARIS2 - Advanced Research on Information Systems Security* (2023): https://doi.org/10.56394/aris2.v3i1.30. 10.56394/aris2.v3i1.30
	4	Luis Ferreira; Hugo Lopes; Carlos Abreu; Cruz-Cunha, Maria Manuela; Coelho, Nuno Mateus. "Secure Services Integration and Edge Computing for Effective Beekeeping". *ARIS2-Advanced Research on Information Systems Security* 1 1 (2021): 67-79. https://aris-journal.com/aris/index.php/journal/article/download/8/6. Published · Open access · https://doi.org/10.56394/aris2.v1i1.8
	5	Coelho, Nuno Mateus. "Detection and Handling of Threats in Pre-Established Networks Through a Junior Perspective in Internship Scenario". *ARIS2-Advanced Research on Information Systems Security* 1 1 (2021): 41-49. https://www.aris-journal.com/aris/index.php/journal/article/download/5/3. Published · Open access · https://doi.org/10.56394/aris2.v1i1.5

	6	Afonso Almeida; Coelho, Nuno Mateus; Nuno Lopes. "Paranoid OS: Wearable Trackers". *ARIS2-Advanced Research on Information Systems Security* 1 1 (2021): 24-40. https://aris-journal.com/aris/index.php/journal/article/download/4/1. Published • https://doi.org/10.56394/aris2.v1i1.4
	7	Mateus-Coelho, Nuno; Cruz-Cunha, Maria; Silva-Ávila, Paulo. "Application of the Industry 4.0 technologies to mobile learning and health education apps". *FME Transactions* 49 4 (2021): 876-885. http://dx.doi.org/10.5937/fme2104876m. Published • 10.5937/fme2104876m
	8	Pinto, Susana Soares; Brandão, Elsa; Guerreiro, Carlos; Soares, Sónia; Nuno Mateus-Coelho; de Freitas, Victor. "Tannins in Food: Insights into the Molecular Perception of Astringency and Bitter Taste". *Molecules* 25 11 (2020): 2590.
Journal issue	1	Nuno Mateus-Coelho. "Editorial - ARIS - Advanced Research on Information Security". *ARIS2 - Advanced Research on Information Systems Security* 3 2 (2023): https://doi.org/10.56394/aris2.v3i2.33. Published • 10.56394/aris2.v3i2.33 • Editor
	2	Nuno Mateus-Coelho. "Editorial of ARIS2 - Advanced Research on Information Systems Security, an International Journal". *ARIS2 - Advanced Research on Information Systems Security* 3 1 (2023): https://doi.org/10.56394/aris2.v3i1.24. Published • 10.56394/aris2.v3i1.24 • Editor
	3	Nuno Mateus-Coelho. "Editorial - ARIS - Advanced Research on Information Security". *ARIS2 - Advanced Research on Information Systems Security, an International Journal* 2 2 (2022): https://doi.org/10.56394/aris2.v2i2.25. Published • 10.56394/aris2.v2i2.25 • Editor
	4	Nuno Mateus-Coelho. "Editorial of ARIS2 - Advanced Research on Information Systems Security, an International Journal". *ARIS2 - Advanced Research on Information Systems Security* 1 2 (2022): https://doi.org/10.56394/aris2.v2i1.16. Published • 10.56394/aris2.v2i1.16 • Editor
	5	Coelho, Nuno Mateus. "The Editorial of ARIS2-Advanced Research on Information Systems Security, an International Journal: Edition 1, Volume 1, December 2021". *ARIS2-Advanced Research on Information Systems Security, an International Journal* 1 1 (2021): https://www.aris-journal.com/aris/index.php/journal/article/download/6/4. Published • https://doi.org/10.56394/aris2.v1i1.6
	6	Nuno Mateus-Coelho. "CENTERIS 2020 - International Conference on ENTERprise Information Systems / ProjMAN 2020 - International Conference on Project MANagement / HCist 2020 - International Conference on Health and Social Care Information Systems and Technologies 2020". *Procedia Computer Science* 181 (2021): https://www.sciencedirect.com/journal/procedia-computer-science/vol/181/suppl/C. Published • https://doi.org/10.1016/j.procs.2021.01.092 • Coeditor
Magazine article	1	Nuno Mateus-Coelho. "Segurança Informática | Uma Missão Entre Desafios e Soluções", INGENIUM "Sistemas Digitais e Cibersegurança" N.º 184 - ABRIL/MAIO/JUNHO 2024, 2024, https://www.ordemengenheiros.pt/pt/centro-de-informacao/publicacoes/revista-ingenium/ingenium-n-184-abril-maio-junho-2024/.

Thesis / Dissertation	1	Nuno Mateus-Coelho. "Paranoid Operating System Methodology for Anonymous & Secure Web Browsing". PhD, Universidade de Trás-os-Montes e Alto Douro, 2020. 10.13140/RG.2.2.17767.27045
	2	Coelho, Nuno Ricardo Mateus. "Navegação web anónima e segura". Master, 2015. http://hdl.handle.net/10400.22/8160.

Activities

Oral presentation

	Presentation title	Event name Host (Event location)
2025/10/14	KeyNote - Hospital Militar das Forças Armadas	Inteligência Artificial - Dilemas Éticos Brigadeiro General Rui Sousa (Porto, Portugal)
2024/11/10	KeyNote - Websummit 2024 Secure Coding Techniques	Web Summit Lisboa 2024 (Lisbon, Portugal)
2023/11/10	KeyNote - Websummit 2023 VPN	Web Summit 2023 (Lisboa, Portugal)
2022/11/10	KeyNote - Websummit 2022 - Secure Environments	Web Summit Lisboa (Lisboa, Portugal)
2021/01/26	KeyNote - Microsoft Building the Future Conference - 5G LAB: Stepping up from standard.	Microsoft - Building the Future 2021 Microsoft Portugal (Lisboa, Portugal)

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2021/09 - Current	UTAD - Doutoramento "PCSRA - Methodology for Predictive Cyber Security Risk Assessment" - Orientador Co-supervisor of Daniel Ferreira	Doutoramento Tecnologias Web (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal
2021/09 - Current	IPCA - Mestrado "Testamento da Vida Digital na Blockchain" - Orientador Supervisor of Mário Viana	Mestrado Engenharia Informática (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2020/09 - Current	UTAD - Doutoramento "Reflected and DOM-based XSS and API for the server-side stored XSS" - Orientador	Doutoramento em Informática (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal

	Co-supervisor of Elene Gordova	
2021 - 2023/09	IPCA - Mestrado "Medichain - BlockChain for Medical Records" - Orientador Supervisor of Filipe Vilas-Boas	Mestrado Engenharia Informática (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2021/09 - 2023	IPCA - Mestrado "E-Conference Digital Platform" - Orientador Supervisor of Wadgero Espírito Santo	Mestrado Engenharia Informática (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2020/09/01 - 2022/06	IPCA - Mestrado "ChevroCrypto - Security" - Orientador Supervisor of Edgar Filipe Novais	Mestrado Engenharia Informática (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2020/09 - 2022/06	IPCA - Mestrado "Paranoid OS: Wearable Trackers! - Orientador Supervisor of Afonso Almeida	Mestrado Engenharia Informática (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2020 - 2022	IPGT - Mestrado "CyberSoc Framework" - Orientador Supervisor of Mario Vilamarim Saraiva	Mestrado Engenharia Tecnologias Web (Master) Instituto Politécnico de Gestão e Tecnologia Escola Superior de Tecnologia, Portugal

Event organisation

	Event name Type of event (Role)	Institution / Organization
2022/01/01 - Current	iSCSi-Conference - General Co-Chair e Organization Chair - Elsevier (2020/12/01 - 2020/12/03) Conference (President of the Organising Committee)	iSCSi - International Conference on Industry Science and Computer Science Innovation, Portugal
2021/06/01 - Current	Editor-in-Chief of ARIS - Advance Research on Information Systems Security, an International Journal (2021/06/01) Other (President of the Organising Committee)	ARIS - Advance Research on Information Security, an International Journal, Portugal
2020/10/20 - Current	Industry Chair CENTERIS - International Conference on ENTERprise Information Systems - Elsevier (2020/10/20 - 2020/10/26) Conference (Member of the Organising Committee)	

2020/10/22 - 2020/10/26	Industry Chair HCist - International Conference on Health and Social Care Information Systems and Technologies 2020 (2020/10/22 - 2020/10/26) Conference (Member of the Organising Committee)	
2020/10/20 - 2020/10/26	Industry Chair ProjMAN - International Conference on Project MANagement - Elsevier (2020/10/23 - 2020/10/26) Conference (Member of the Organising Committee)	
2020/10/21 - 2020/10/23	Organização da CENTERIS - International Conference on ENTERprise Information Systems em regime do cooperação com outros organizadores. Responsável pela relação com a indústria. (2020/10/21 - 2020/10/23) Conference (Co-organiser)	Association for Information Systems, United States Elsevier Australia, Australia
2020/10/20 - 2020/10/20	General Chair - Cyberknife - Workshop of InfoSec and Data Leakage Protection and Prevention (2020/10/20 - 2020/10/26) Workshop (President of the Organising Committee)	

Event participation

	Activity description Type of event	Event name Institution / Organization
2022/11/04 - Current	Curator for Cybersecurity and KeyNote Cybersecurity @ Web Summit 2023 Conference	Web Summit Lisboa
2022/05/26 - Current	KeyNote na CONFTSE - Conferência Tudo sobre eCommerce Conference	Conferência Tudo sobre eCommerce
2022/04 - Current	KeyNote - Ebankit Summit 2022 - CyberSecurity in our world. Congress	Ebankit Summit 2022 Ebankit, Portugal
2022/01 - Current	KeyNote - Cyber & Cloud Expo 2021 - Orador no tema da Segurança Informática com a participação intitulada: Social Engineering - The Heart of the Attack. Congress	Cyber & Cloud Expo 2021

2021/09 - Current	KeyNote - Inncyber Innovation Awards 2021 Congress	INNCYBER Academia da Força Aérea, Portugal
2023/11/13 - 2023/11/16	Curator for Cybersecurity and KeyNote Artificial Intelligence Summit @ Web Summit 2023 Conference	Web Summit 2023 Web Summit, Portugal
2022/11/09 - 2022/11/11	KeyNote Speaker - Quantum Computing in Security Conference	Centeris 2022 - Lisboa Elsevier Inc, United States
2020/10/22 - 2020/10/22	KeyNote - CENTERIS - International Conference on ENTERprise Information System Paranoid Operating Systems - Attack Weapon or Survival Kit Conference	Key Note - CENTERIS - International Conference on ENTERprise Information System
2020/10/07 - 2020/10/07	KeyNote - Cyber & Cloud Expo 2020 - Orador no tema da Segurança Informática com a participação intitulada: Sistemas Operativos Paranóicos, meio de sobrevivência ou arma de ataque. Congress	Cyber & Cloud Expo 2020 Centro Nacional de Cibersegurança, Portugal
2019/10/17 - 2019/10/17	CPCJ - III Congresso Intermunicipal sobre Proteção de Crianças e Jovens. Orador no âmbito do tema da Segurança Informatica e Privacidade das Crianças e Jovens Adultos. Congress	III Congresso Intermunicipal sobre Proteção de Crianças e Jovens CPCJ, Portugal
2019/06/12 - 2019/06/12	KeyNote - IEEE 2019 7th International Symposium on Digital Forensics and Security (ISDFS) Conference	2019 7th International Symposium on Digital Forensics and Security (ISDFS) IEEE, United States
2016/06/21 - 2016/06/21	KeyNote Speaker - TEDx Porto Congress	TEDx Porto 2016 TEDx Porto, Portugal

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2024/07/09	UTAD - Júri de Mestrado "Proposta de um Quadro de Referência de Arquiteturas de Firewall para Pequenas e Médias Empresas" - Arguente Principal (Thesis) Main arguer	Erick Paulo Samuel Mahanjane (Master) Universidade de Trás-os-Montes e Alto Douro, Portugal

2024/04/11	IST - Júri de Mestrado "Improving Social Engineering Resilience In Enterprises" - Orientador Supervisor	Ricardo Ribeiro (Master) Universidade de Lisboa Instituto Superior Técnico, Portugal
2024/01/26	Universidade Fernando Pessoa - Júri de Doutoramento "Mecanismos de segurança Blockchain integrados aos ecossistemas de IoT" - Arguente Principal (Thesis) Main arguer	Ronaldo Borges do Val (PhD) Universidade Fernando Pessoa, Portugal
2024/01/20	IPCA - Júri de Mestrado "Plataforma para Aplicação de Processos Criptográficos em Sistemas Low Code - CHEVROCRYPTO" - Orientador Supervisor	Filipe Edgar Novais Alves (Master) Instituto Politécnico do Cávado e do Ave, Portugal
2023/11/26	UTAD & UABERTA - Júri de Doutoramento "A ATRIBUIÇÃO EM ADVANCED PERSISTENT THREATS (APT) ¿ PROPOSTA DE UMA EXTENSÃO À FRAMEWORK MICTIC" - Arguente Principal (Thesis) Main arguer	PEDRO RAMOS BRANDÃO (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal Universidade Aberta, Portugal
2023/07/21	UTAD - Júri de Doutoramento "Confiança como um processo facilitador de adoção de tecnologia" - Arguente Principal (Thesis) Main arguer	SÓNIA CLÁUDIA DA COSTA SOUSA (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal
2023/03/17	UTAD - Júri de Doutoramento "A Mediação do Laboratório Físico nos Processos de Ensino e de Aprendizagem do Curso de Rede de Computadores" - Arguente Principal (Thesis) Main arguer	Jaildo Tavares Pequeno (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal
2022/11/22	UTAD - Júri de Mestrado "Desenvolvimento de Backoffice de Plataforma de Gestão de Casamentos" - Arguente Principal (Thesis) Main arguer	Diogo Tomé Serafim (Master) Universidade de Trás-os-Montes e Alto Douro Escola de Ciências e Tecnologia, Portugal
2022/11/11	UATD - Júri de Doutoramento "Framework para definição da continuidade de negócio: avaliação da maturidade organizacional" - Arguente Principal (Thesis) Main arguer	Nelson Godinho Canaveira Russo (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal
2022/07/22	IPGT - Júri de Mestrado "CyberSoc Incident Management Response Framework" - Orientador	Mário Vilamarim Saraiva (Master) Instituto Politécnico de Gestão e

	Supervisor	Tecnologia Escola Superior de Tecnologia, Portugal

Association member

	Society Organization	Role
2018/01/01 - Current	AISTI - Associação Ibérica de Sistemas e Tecnologias de Informação	Associado individual
2017/01/01 - Current	Associação Portuguesa de Sistemas de Informação	Associado individual
2010/03 - Current	Ordem do Engenheiros	Membro Sénior

Conference scientific committee

	Conference title	Conference host
2020/12/28 - Current	III International Workshop on Digital Transformation in the Enterprise - CISTI 2021	CISTI2021
2022 - 2022	iSCSi - International Conference on Industry Sciences and Computer Sciences Innovation	Porto
2021 - 2021	CENTERIS - International Conference on ENTERprise Information Systems - Elsevier	Braga
2020/10/22 - 2020/10/26	CENTERIS - International Conference on ENTERprise Information Systems - Elsevier	Vilamoura
2020/10/21 - 2020/10/23	ProjMAN - International Conference on Project MANagement - Elsevier	Vilamoura
2020/10/20 - 2020/10/23	HCist - International Conference on Health and Social Care Information Systems and Technologies - Elsevier	Vilamoura

Interview (newspaper / magazine)

	Activity description	Newspaper / Forum
2022/03	Artigo de opinião na revista País Positivo do Semanário Sol	Semanário Sol - Revista País Positivo
2022	CNN Portugal - CyberSecurity expert and weekly articles author	CNN Portugal

Interview (tv / radio show)

	Program	Theme
2022 - Current	CNN Portugal "Agora CNN"	O ataque informático ao Parlamento Europeu

2022 - Current	CNN Portugal - Jornal das 20	Ataque informático às Forças Armadas
2022 - Current	Jornal da Noite TVI e CNN Portugal - Ataque à NATO	Ataque à NATO
2022 - Current	CNN Portugal - Se o FBI alerta, Portugal.	Se o FBI não tivesse dado o alerta, Portugal tinha conseguido travar o ataque à Universidade de Lisboa?
2022 - 2022	CNN Portugal - Ataque Informático ao Grupo Impresa	
2022 - 2022	CNN Portugal - Ataque Informático à Segurança Social Portuguesa	Ataque Informático Russo ao Parlamento Europeu
2022 - 2022	CNN Portugal - Guerra da Ucrânia "Ciberguerra"	Pode o conflito na Ucrânia ser a primeira ciberguerra da história do planeta?
2020/04/16 - 2020/04/16	RTP2 - Sociedade Civil - Indústria Solidária	Vent2Life - Plataforma de Recuperação de Ventiladores Avariados
2020/03/30 - 2020/03/30	Falar Global - CMTV	Vent2Life - Plataforma de Recuperação de Ventiladores Avariados

Distinctions

Award

2023	Prémio Carreira - PiGo PiGo - Albergaria-a-Velha, Portugal
2023	INNCYBER INNOVATION AWARD 2023 - 2nd Best European PhD/Research EDP, Portugal Força Aérea Portuguesa, Portugal Altice Labs, Portugal Vieira de Almeida e Associados, Portugal
2023	The Annual Excellence in Doctoral Research Award - 3rd Place iSCSi - International Conference on Industry Science and Computer Science Innovation, Portugal Elsevier BV, Netherlands
2021	INNCYBER INNOVATION AWARD 2021 - Best European PhD/Research Altice Labs, Portugal PwC Portugal, Portugal EDP, Portugal European Network and Information Society Security Agency, Greece Academia da Força Aérea, Portugal
2019	Distinguish Keynote Speaker - University of Firat Firat Üniversitesi, Turkey