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Luis Carlos Gonsalves



Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa	PhD	Ciências e Tecnologias da Informação	2020
Universidade de Lisboa - Instituto Superior Tecnico	M.Sc.	Engenharia Electrotécnica e de Computadores	2008
Instituto Politecnico de Lisboa - Instituto Superior de Engenharia de Lisboa	Licentiate	Engenharia Eletrónica e dos Sistemas de Telecomunicações	2002

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2023/2024	1º	Ethics, Cybersecurity and Privacy	Master Degree in Public Administration;	No
2019/2020	2º	Business Data Mining		No
2019/2020	2º	Text Mining for Data Science		No

2018/2019	2º	Business Data Mining		No
2017/2018	2º	Business Data Mining		No
2015/2016	2º	Business Data Mining		No

Supervisions

• M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	João Manuel Matos Dinis	Customer Churn model with Market Basket Analysis in the Automotive Industry - Application in the Portuguese Insurance Market	Portuguese	Iscte	2021

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Pedro Miguel Lopes Martins da Silva	Cybersecurity Management in Financial Organizations	Portuguese	Iscte	2018

Total Citations

Web of Science®	26
Scopus	25

Publications

• Scientific Journals

- Scientific journal paper

1	<p>Gonçalves, L., Sebastião, P., Souto, N. & Correia, A. (2020). One step greener: reducing 5G and beyond networks' carbon footprint by 2-tiering energy efficiency with CO2 offsetting. <i>Electronics</i>. 9 (3), 464</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 9 - Times Cited Scopus: 11 - Times Cited Google Scholar: 23
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2	<p>Gonçalves, L., Sebastião, P., Souto, N. & Correia, A. (2019). Extending 5G capacity planning through advanced subscriber behavior-centric clustering. <i>Electronics</i>. 8 (12)</p> <p>- Times Cited Scopus: 2</p> <p>- Times Cited Google Scholar: 2</p>
3	<p>Gonçalves, L., Sebastião, P., Souto, N. & Correia, A. (2017). On the impact of user segmentation and behaviour analysis over traffic generation in beyond 4G networks. <i>Transactions on Emerging Telecommunications Technologies</i>. 28 (1)</p> <p>- Times Cited Web of Science®: 5</p> <p>- Times Cited Scopus: 5</p> <p>- Times Cited Google Scholar: 6</p>

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Gonçalves, L. C., Sebastião, P., Souto, N. & Correia, A. (2016). 5G mobile challenges: A feasibility study on achieving carbon neutrality. In 2016 23rd International Conference on Telecommunications (ICT). Thessaloniki: IEEE.</p> <p>- Times Cited Web of Science®: 7</p> <p>- Times Cited Google Scholar: 9</p>
2	<p>L. Gonçalves (2014). Network Aware Traffic Steering and Selection In Heterogeneous Wi-Fi/LTE-A Networks. In European Conf. on Networks and Communications - EUCNC.</p>
3	<p>Vaz, F., Sebastião, P., Gonçalves, L. & Correia, A. (2013). Economic and environmental comparative analysis on macro-femtocell deployments in LTE-A. In <i>Wireless VITAE 2013</i>. Atlantic City, NJ, USA : IEEE.</p> <p>- Times Cited Scopus: 1</p> <p>- Times Cited Google Scholar: 4</p>
4	<p>Vaz, F., Sebastião, P., Gonçalves, L. & Correia, A. (2013). Femtocell deployment in LTE-A networks: A sustainability, economical and capacity analysis. In 2013 IEEE 24th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC). (pp. 3423-3427). London: IEEE.</p> <p>- Times Cited Web of Science®: 5</p> <p>- Times Cited Scopus: 6</p> <p>- Times Cited Google Scholar: 9</p>