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Curriculum

Joaquim Esmerado is an Assistant Professor at DCTI. Develops research in the area of Information Systems, Databases, and Data Science. He has published in Q1 magazines such as the International Journal of Information Management and the Journal of Hospitality and Tourism Technology. He is an integrated researcher at ISTAR, member of the Information Systems group.

Research Interests

- Data Science
- Information Systems
- Decision Support Systems
- Databases
- Computer Graphics

Artificial Intelligence

Academic Qualifications

University/Institution	Type	Degree	Period
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE	PhD	Computação Gráfica e Animação por Computador	2001
Instituto Superior Técnico - UTL	M.Sc.	Engenharia Electrotécnica e de Computadores	1992
Instituto Superior Técnico - UTL	Licenciate	Engenharia Electrotécnica	1985

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2026/2027	2º	Distributed Information Systems Integration Project	Bachelor Degree in Computer Science and Business Management;	No
2026/2027	1º	Databases	Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management; Bachelor Degree in Telecommunications and Computer Engineering;	No
2025/2026	2º	Distributed Information Systems Integration Project	Bachelor Degree in Computer Science and Business Management;	No
2025/2026	1º	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management; Bachelor Degree in Telecommunications and Computer Engineering;	No
2024/2025	2º	Distributed Information Systems Integration Project	Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	No
2024/2025	1º	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management; Bachelor Degree in Telecommunications and Computer Engineering;	No
2023/2024	2º	Distributed Information Systems Integration Project		No

2023/2024	1º	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	No
2022/2023	2º	Distributed Information Systems Integration Project	Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	No
2021/2022	2º	Distributed Information Systems Integration Project	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;	No
2021/2022	1º	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Telecommunications and Computer Engineering;	No
2020/2021	2º	Distributed Information Systems Integration Project	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	No
2020/2021	1º	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Telecommunications and Computer Engineering;	No
2019/2020	2º	Computacional Creativity		No
2019/2020	2º	Distributed Information Systems		No
2019/2020	1º	Database Fundamentals		No
2019/2020	1º	Computer Animation		Yes

Supervisions

• M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Rui Alexandrino Calção Mendes	A data-driven approach to predict the success of IT banking projects	English	Iscte	2018

Total Citations

Web of Science®	284
Scopus	340

Publications

- **Scientific Journals**

- Scientific journal paper

1	Moro, S., Rita, P., Ramos, P. & Esmerado, J. (2022). The influence of cultural origins of visitors when staying in the city that never sleeps. Tourism Recreation Research, 47(1), 78?90. https://doi.org/10.1080/02508281.2020.1821328 - Times Cited Web of Science®: 4 - Times Cited Scopus: 5 - Times Cited Google Scholar: 11
2	Moro, S. & Esmerado, J. (2021). An integrated model to explain online review helpfulness in hospitality. Journal of Hospitality and Tourism Technology, 12(2), 239?253. https://doi.org/10.1108/JHTT-01-2020-0026 - Times Cited Web of Science®: 16 - Times Cited Scopus: 16 - Times Cited Google Scholar: 19
3	Moro, S., Martins, A., Ramos, P., Esmerado, J., Costa, J. M. & Almeida, D. (2020). Unfolding the drivers of students' success in answering multiple-choice questions about Microsoft Excel. Computers in the Schools, 37(2), 55?73. https://doi.org/10.1080/07380569.2020.1749127
4	Moro, S., Lopes, R. J., Esmerado, J. & Botelho, M. (2020). Service quality in airport hotel chains through the lens of online reviewers. Journal of Retailing and Consumer Services, 56. https://doi.org/10.1016/j.jretconser.2020.102193 - Times Cited Web of Science®: 47 - Times Cited Scopus: 47 - Times Cited Google Scholar: 80
5	Belo, Y., Moro, S., Martins, A., Ramos, P., Costa, J. M. & Esmerado, J. (2019). Constructed response or multiple-choice questions for assessing declarative programming knowledge? That is the question!. Journal of Information Technology Education: Innovations in Practice, 18, 153?170. https://doi.org/10.28945/4479 - Times Cited Scopus: 1 - Times Cited Google Scholar: 3
6	Moro, S., Rita, P., Esmerado, J. & Oliveira, C. (2019). Unfolding the drivers for sentiments generated by Airbnb experiences. International Journal of Culture, Tourism, and Hospitality Research, 13(4), 430?442. https://doi.org/10.1108/IJCTHR-06-2018-0085 - Times Cited Scopus: 19 - Times Cited Google Scholar: 35
7	Moro, S., Rita, P., Ramos, P. & Esmerado, J. (2019). Analysing recent augmented and virtual reality developments in tourism. Journal of Hospitality and Tourism Technology, 10(4), 571?586. https://doi.org/10.1108/JHTT-07-2018-0059 - Times Cited Web of Science®: 69 - Times Cited Scopus: 77 - Times Cited Google Scholar: 127

8	Moro, S., Ramos, P., Esmerado, J. & Jalali, S. M. J. (2019). Can we trace back hotel online reviews' characteristics using gamification features?. International Journal of Information Management, 44, 88?95. https://doi.org/10.1016/j.ijinfomgt.2018.09.015 - Times Cited Web of Science®: 82 - Times Cited Scopus: 83 - Times Cited Google Scholar: 131
9	Moro, S., Esmerado, J., Ramos, P. & Alturas, B. (2019). Evaluating a guest satisfaction model through data mining. International Journal of Contemporary Hospitality Management, 32(4), 1523?1538. https://doi.org/10.1108/IJCHM-03-2019-0280 - Times Cited Web of Science®: 37 - Times Cited Scopus: 42 - Times Cited Google Scholar: 57
10	Santos, F. & Esmerado, J. (2015). A different shape grammar approach for automatic design generation. International Journal of Advances in Computer Science and Its Applications, 5(1), 90?97. - Times Cited Google Scholar: 5
11	Chris Joslin, Tom Molet, Nadia Magnenat Thalmann, Esmerado, J., Daniel Thalmann, Ian Palmer...Rae Earnshaw (2001). Sharing Attractions on the Net with VPARK. IEEE Computer Graphics and Applications, 21(1), 61?71. - Times Cited Web of Science®: 9 - Times Cited Scopus: 16 - Times Cited Google Scholar: 27
12	T.K. Capin, Esmerado, J. & D. Thalmann (1999). A dead-reckoning technique for streaming virtual human animation. IEEE Transactions on Circuits and Systems for Video Technology, 9(3), 411?414. https://doi.org/10.1109/76.754769 - Times Cited Web of Science®: 9 - Times Cited Scopus: 12 - Times Cited Google Scholar: 28

• Books and Book Chapters

- Book chapter

1	Esmerado, J., F. Vexo & D. Thalmann (2002). Interaction in Virtual Worlds: Application to Music Performers. Advances in Modelling, Animation and Rendering (pp. 511?527). Springer. https://doi.org/10.1007/978-1-4471-0103-1_33 - Times Cited Google Scholar: 12

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Cruz, M., Oliveira, A., Esmerado, J. & Alturas, B. (2018). Why do we love the Lion King? Perception of animation among young adults. In Heng Chen, Jun Xu and Houssain Kettani (Ed.), International Conference on Computing and Data Engineering, ICCDE 2018 (pp. 88?92). ACM Press. https://doi.org/10.1145/3219788.3219801 - Times Cited Scopus: 7 - Times Cited Google Scholar: 8

2	Cruz, M., Oliveira, A. & Esmerado, J. (2017). Animation and adults: between the virtual and social reality. In Álvaro Rocha, Bráulio Alturas, Carlos Costa, Luís Paulo Reis, Manuel Pérez Cota (Ed.), 12th Iberian Conference on Information Systems and Technologies (CISTI'2017) (pp. 55?60). AISTI (Associação Ibérica de Sistemas e Tecnologias de Informação). https://doi.org/10.23919/CISTI.2017.7975836 - Times Cited Google Scholar: 9
3	Moro, S., Alturas, B., Esmerado, J. & Costa, C. J. (2017). Research trends in CISTI's unveiled through text mining. In Álvaro Rocha, Bráulio Alturas, Carlos J. Costa, Luís Paulo Reis e Manuel Pérez Cota (Ed.), 12th Iberian Conference on Information Systems and Technologies (CISTI'2017) (pp. 1746?1750). IEEE. - Times Cited Google Scholar: 5
4	Santos, F. & Esmerado, J. (2014). A different shape grammar approach for automatic design generation. In Rakesh Kumar (Ed.), Proceedings of the Second International Conference on Advances In Computing, Communication and Information Technology- CCIT 2014 (pp. 127?134). SEEK Digital Library. https://doi.org/10.15224/ 978-1-63248-005-7-40
5	Catarino, J., Moreiras, T., Lopes, P. F., Esmerado, J. & Alexandre, I. M. (2007). How can we be serious in a game?. In Magerko, B. S., and Riedl, M. O. (Ed.), Intelligent Narrative Technologies: Papers from the AAAI Fall Symposium (pp. 25?28). Association for the Advancement of Artificial Intelligence (AAAI). - Times Cited Scopus: 2
6	T.K. Capin, M. Jovovic, Esmerado, J., A. Aubel & D. Thalmann (2002). Efficient network transmission of virtual human bodies. Proceedings Computer Animation '98 (Cat. No.98EX169) (pp. 41?48). IEEE Comput. Soc. https://doi.org/10.1109/CA.1998.681906 - Times Cited Web of Science®: 4 - Times Cited Scopus: 2 - Times Cited Google Scholar: 9
7	Hyewon Seo, Chris Joslin, Uwe Berner, Nadia Magnenat-Thalmann, Maja Jovovic, Esmerado, J....Ian Palmer (2000). VPARK-a Windows NT software platform for a virtual networked amusement park. Proceedings Computer Graphics International 2000. IEEE. https://doi.org/10.1109/CGI.2000.852313 - Times Cited Web of Science®: 7 - Times Cited Scopus: 5 - Times Cited Google Scholar: 15
8	Chris Joslin, Hyewon Seo, Christian Lefevre, Wonsook Lee, Nadia Magnenat-Thalmann, Maja Jovovic...Daniel Thalmann (2000). Distance Communication Using Networked Virtual Collaborative Environments. Informatik and Proceeding of the Closing Conference of Swiss Priority Program (pp. 59?62). vdf Hochschulverlag ETH Zurich. - Times Cited Google Scholar: 2
9	Dias, J., Rebordão, J. M., Almeida, A., Ribeiro, A., Sanz, A. & Esmerado, J. (1993). Fashion Desk: Um Sistema CAD 3D em Ambiente Cooperativo para Auxílio ao Estilismo e Modelismo nas Confecções Têxteis. In Sociedade Brasileira de Computação (SBC) (Ed.), Anais do VI SIBGRAPI, Anais do 6° Simpósio Brasileiro de Computação Gráfica e Processamento de Imagens, Recife, Brasil, Recife, 1993 (pp. 193?202). Sociedade Brasileira de Computação (SBC).

- Talk

1	Cruz, M., Pereira, Ivo, Esmerado, J. & Alturas, B. (2018). Why Do We Love The Lion King? Perception of Animation among Young Adults. 2018 International Conference on Computing and Data Engineering (ICCDE2018),.

2	Cruz, M., Oliveira, A. & Esmerado, J. (2017). Animation and Adults - Between the virtual and social reality. 12a Conferência Ibérica de Sistemas e Tecnologias de Informação / 12th Iberian Conference on Information Systems and Technologies (CISTI'2017),. - Times Cited Scopus: 2
3	Moro, S., Alturas, B., Esmerado, J. & Costa, C. (2017). Research Trends in CISTI's Unveiled Through Text Mining. 12th Iberian Conference on Information Systems and Technologies (CISTI'2017),. https://doi.org/10.23919/CISTI.2017.7975765 - Times Cited Scopus: 4
4	Santos, F. & Esmerado, J. (2014). A Different Shape Grammar Approach for Automatic Design Generation. Second International Conference on Advances in Computing, Communication and Information Technology, CCIT 2014,, 127?134.