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## José Manuel Passarinho Lopes Farinha

### Assistente Convocado

Department of Digital Technologies (ETDA)



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### Research Interests

Information Systems
Modeling
Generic Programming
Software Design Patterns

### Academic Qualifications

University/Institution	Type	Degree	Period
Instituto Superior Técnico - UTL	M.Sc.	Engenharia Electrotécnica e de Computadores	1995
Instituto Superior Técnico - UTL	Licenciante	Engenharia Electrotécnica e de Computadores	1990

## Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2026/2027	1°	Database and Information Management	Bachelor Degree in Software and Applications Development; Bachelor Degree in Digital Technologies and Artificial Intelligence;	No
2026/2027	1°	Databases and Security	Bachelor Degree in Digital Technologies and Information Security;	No
2025/2026	2°	Database and Information Management	Bachelor Degree in Digital Educational Technologies;	No
2025/2026	1°	Database and Information Management	Bachelor Degree in Digital Technologies and Health; Bachelor Degree in Software and Applications Development;	No
2025/2026	1°	Databases and Security	Bachelor Degree in Digital Technologies and Information Security;	No
2024/2025	2°	Database and Information Management	Bachelor Degree in Mathematics Applied and Digital Technologies; Bachelor Degree in Digital Educational Technologies;	No
2024/2025	1°	Database and Information Management	Bachelor Degree in Software and Applications Development;	No
2024/2025	1°	Databases and Security	Bachelor Degree in Digital Technologies and Information Security;	No
2023/2024	2°	Database and Information Management	Bachelor Degree in Mathematics Applied and Digital Technologies;	No
2023/2024	1°	Databases	Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering;	No
2023/2024	1°	Databases and Security	Bachelor Degree in Digital Technologies and Information Security;	No
2022/2023	1°	Databases	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Telecommunications and Computer Engineering;	No
2021/2022	2°	Technological Systems II		No
2021/2022	1°	Databases	Bachelor Degree in Computer Engineering;	No
2020/2021	1°	Databases	Bachelor Degree in Telecommunications and Computer Engineering;	No

## Supervisions

### • M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Jaime Eduardo Teixeira Santos	--	--	Iscte	2011

## Total Citations

Web of Science®	3
Scopus	13

## Publications

### • Scientific Journals

- Scientific journal paper

1	Santos, J. P., Ramos, P., Farinha, J. & Moro, S. (2020). Business processes modelling and diagnosis. Business Information Review. 37 (1), 38-51 - Times Cited Google Scholar: 1
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### • Conferences/Workshops and Talks

- Publication in conference proceedings

1	Farinha, J. (2016). A demonstration of compilability for UML template instances. In Hammoudi, S., Pires, L. F., Selic, B., and Desfray, P. (Ed.), Proceedings of the 4th International Conference on Model-Driven Engineering and Software Development - MODELSWARD. (pp. 397-404). Roma: SciTePress. - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
2	Farinha, J. (2016). Extending UML templates towards flexibility. In Di Ruscio, D., de Lara, J., and Pierantonio, A. (Ed.), Proceedings of the 2nd Workshop on Flexible Model Driven Engineering co-located with ACM/IEEE 19th International Conference on Model Driven Engineering Languages & Systems (MoDELS 2016). (pp. 32-41). Saint-Malo: CEUR-WS. - Times Cited Google Scholar: 2

3	<p>Farinha, J. &amp; Ramos, P. (2015). Computability assurance for UML template binding. In Pires, L. F., Hammoudi, S., Desfray, P., and Filipe, J. (Ed.), Model-Driven Engineering and Software Development. Communications in Computer and Information Science. (pp. 190-212). Angers: Springer.</p> <p>- Times Cited Web of Science®: 1  - Times Cited Scopus: 2  - Times Cited Google Scholar: 3</p>
4	<p>Farinha, J. &amp; Ramos, P. (2015). Extending UML templates towards computability. In Slimane Hammoudi, Luis Ferreira Pires, Philippe Desfray, Joaquim Filipe (Ed.), Proceedings of the 3rd International Conference on Model-Driven Engineering and Software Development. Angers: SCITEPRESS.</p> <p>- Times Cited Scopus: 4  - Times Cited Google Scholar: 7</p>
5	<p>Farinha, J. &amp; Belo, O. (2009). Using inheritance in a metadata based approach to data quality assessment. In Esperanza Marcos, Mike Papazoglou, Mario Piattini (Ed.), 1st International Workshop on Model Driven Service Engineering and Data Quality and Security. (pp. 1-8). Hogk-Kong: ACM, Association for Computing Machinery.</p> <p>- Times Cited Scopus: 4  - Times Cited Google Scholar: 14</p>
6	<p>Gomes, P., Farinha, J. &amp; Trigueiros, M. J. (2007). A Data Quality Metamodel Extension to CWM. In John F. Roddick and Annika Hinze (Ed.), Fourth Asia-Pacific Conference on Conceptual Modelling (APCCM2007). (pp. 17-26). Ballarat: Australian Computer Society.</p> <p>- Times Cited Google Scholar: 48</p>
7	<p>Farinha, J. &amp; Trigueiros, M. J. (2007). An Extensible Metadata Framework for Data Quality Assessment of Composite Structures. In Il-Yeol Song, Johann Eder, Tho Manh Nguyen (Ed.), Data Warehousing and Knowledge Discovery 9th International Conference, DaWaK 2007. (pp. 34-44). Regensburg, Alemanha: Springer.</p> <p>- Times Cited Scopus: 1  - Times Cited Google Scholar: 3</p>

#### - Talk

1	<p>Farinha, J. (2016). A Demonstration of Compilability for UML Template Instances. Proceedings of the 4th International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2016). 397-404</p> <p>- Times Cited Scopus: 1</p>
2	<p>Farinha, J. (2016). Extending UML Templates Towards Flexibility. Proceedings of the 2nd Workshop on Flexible Model Driven Engineering (FlexMDE 2016), co-located with ACM/IEEE 19th International Conference on Model Driven Engineering Languages &amp; Systems (MoDELS 2016). 32-41</p> <p>- Times Cited Scopus: 1</p>
3	<p>Farinha, J. &amp; Ramos, P. (2015). Extending UML Templates towards Computability. Proceedings of the 3rd International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2015). 122-133</p> <p>- Times Cited Web of Science®: 1</p>