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## Diogo Cosme

### Assistente Convidado

ISTAR-Iscte - Information Sciences, Technologies and Architecture Research Centre  
Department of Information Science and Technology (ISTA)



### Contacts

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### Curriculum

Diogo Cosme is a Ph.D. candidate at Iscte - Instituto Universitário de Lisboa, where his research focuses on the intersection of natural language interaction and Geographic Information Systems (GIS). His work centers on democratizing access to geolocated data, with the aim of enabling informed, data-driven urban management. In addition to his research, he has been an Invited Lecturer at Iscte since February 2026, teaching the course on Algorithm Design and Analysis as part of the Computer Engineering bachelor's program. His academic career has a strong international component, notably including a dual-degree program with the Université Gustave Eiffel in Paris in the fields of Computer Engineering and Intelligent Systems. With experience in research contexts, Diogo Cosme has actively collaborated on projects such as the European RESETTING initiative and the national EUROSTIT project, participating in international scientific forums and leading events such as the Lisbon Machine Learning School (LxMLS).

### Research Interests

Generative AI
Geographic Information System (GIS)
Natural Language Interaction
AI Assistants

## Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa - Escola de Tecnologias e Arquitectura	PhD	Ciências e Tecnologias da Informação	2028
ISCTE-Instituto Universitario de Lisboa - Escola de Tecnologias e Arquitectura	M.Sc.	Engenharia Informática	2024
Université Gustave Eiffel - Institut Gaspard Monge	M.Sc.	Sistemas e Aplicações Inteligentes	2024
ISCTE-Instituto Universitario de Lisboa - Escola de Tecnologias e Arquitectura	Bachelor of Science	Engenharia Informática	2022

## Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Algorithm Design and Analysis	Bachelor Degree in Computer Engineering;	No

## Total Citations

Web of Science®	0
Scopus	3

## Publications

### • Books and Book Chapters

#### - Book chapter

1	Cosme, D., Galvão, A. & Brito e Abreu, F. (2026). A Systematic Literature Review on LLM-Based Content Classification. In Jorge Bernardino · Ana Fred · Antonella Poggi · Le Gruenwald · Frans Coenen · Elio Masciari · David Aveiro (Ed.), Knowledge Discovery, Knowledge Engineering and Knowledge Management. (pp. 121-149). Cham: Springer.
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### • Conferences/Workshops and Talks

#### - Publication in conference proceedings

1	Cosme, D., Galvão, A. & Brito e Abreu, F. (2024). A systematic literature review on LLM-based information retrieval: The issue of contents classification. In Frans Coenen, Ana Fred, Jorge Bernardino (Ed.), Proceedings
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of the 16th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. (pp. 135-146). Porto, Portugal: SciTePress.

- Times Cited Scopus: 3

- Times Cited Google Scholar: 6

## • Other Publications

### - Report

1

Galvão, A., Cosme, D. & Brito e Abreu, F. (2023). European Smart Tourism Tools Observatory.