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## Luca Scala

**Professor Auxiliar Convidado**  
Department of Mathematics (ISTA)

### Contacts

<b>E-mail</b>	Luca_Scala@iscte-iul.pt
<b>Office</b>	D2.06

### Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2025/2026	2º	Complements on Differential Calculus	Bachelor Degree in Industrial Management and Logistics;	No
2025/2026	1º	Calculus I	Bachelor Degree in Computer Engineering;	No
2025/2026	1º	Differential and Integral Calculus	Bachelor Degree in Industrial Management and Logistics; Bachelor Degree in Management;	No
2024/2025	2º	Optimization		No
2024/2025	1º	Calculus I	Bachelor Degree in Computer Engineering;	No
2023/2024	2º	Optimization		No

2023/2024	1°	Calculus I	Bachelor Degree in Telecommunications and Computer Engineering;	No
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## Total Citations

Web of Science®	50
Scopus	48

## Publications

### • Scientific Journals

#### - Scientific journal paper

1	Scala, L. (2020). Notes on diagonals of the product and symmetric variety of a surface. <i>Journal of Pure and Applied Algebra</i> . 224 (8) - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 9
2	Scala, L. (2019). Singularities of the isospectral Hilbert scheme. <i>Communications in Algebra</i> . 47 (9), 3614-3628 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 5
3	Scala, L. (2011). Perturbations of the metric in Seiberg-Witten equations. <i>Annales de l'Institut Fourier</i> . 61 (3), 1259-1297 - Times Cited Web of Science®: 1
4	Scala, L. (2009). Cohomology of the Hilbert scheme of points on a surface with values in representations of tautological bundles. <i>Duke Mathematical Journal</i> . 150 (2) - Times Cited Web of Science®: 30 - Times Cited Scopus: 29 - Times Cited Google Scholar: 53
5	Scala, L. (2008). Some remarks on tautological sheaves on Hilbert schemes of points on a surface. <i>Geometriae Dedicata</i> . 139 (1), 313-329 - Times Cited Web of Science®: 16 - Times Cited Scopus: 16 - Times Cited Google Scholar: 22
6	Scala, L. (2007). Dualité étrange de Le Potier et cohomologie du schéma de Hilbert ponctuel d'une surface. <i>Gazette des Mathématiciens</i> . 112, 53-65 - Times Cited Google Scholar: 11
7	Scala, L. (2006). Cohomology of the Hilbert scheme of points on a surface with values in the double tensor power of a tautological bundle. <i>Comptes Rendus. Mathématique</i> . 343 (11-12), 741-746 - Times Cited Google Scholar: 1

### • Books and Book Chapters

#### - Book chapter

1	Scala, L. (2007). McKay correspondence, Hilbert schemes and Strange Duality. In Quaderni di Matematica. (pp. 355-373). - Times Cited Google Scholar: 1
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