

Giovanni Interdonato

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🌐 giointer.github.io

Education

- 2023 – Current **PhD in Mathematics**, *Scuola Normale Superiore di Pisa*
Advisor: Michele D’Adderio
- 2018 – 2024 **Corso Ordinario – Faculty of Sciences (Mathematics)**, *Scuola Normale Superiore di Pisa*, 100/100 cum Laude
- 2021 – 2023 **Master’s degree in Mathematics**, *Università di Pisa*, 110/110 cum Laude
Advisor: Michele D’Adderio
Thesis title: *A generalisation of the Shuffle Theorem*
- 2018 – 2021 **Bachelor’s degree in Mathematics**, *Università di Pisa*, 110/110 cum Laude
Advisor: Giovanni Gaiffi
Thesis title: *Littlewood–Richardson rule*
- 2021 – 2023 **Erasmus**, *Université Paris-Saclay*

Research visits

- 11/2024 **Research visit**, *Università di Bologna*
Hosted by Riccardo Biagioli
- 09–10/2025 **Research visit**, *Université du Québec à Montréal*
Hosted by Christophe Hohlweg
- 02–03/2026 **Research visit**, *University of Galway*
Hosted by Angela Carnevale

Publications and preprints

- 09/2026 **The Theta Conjecture** (with Alessandro Iraci), preprint ([arXiv:2609.17744](#))
- 08/2026 **Leaving the Hall: explicit formulas for Negut operators** (with Michele D’Adderio, Alessandro Iraci and Roberto Pagaria), preprint ([arXiv:2608.14836](#))
- 01/2026 **Generalizing Eulerian Numbers via Semipermutations: Topological and Combinatorial Aspects** (with Giovanni Gaiffi), in *Note di Matematica, Volume 46, issue 1 (2026)* (pp. 19–40), University of Salento

Talks

- 11/2025 **INTRICATO Bo-Pi-Rm**, University of Pisa
Title: *On the quasisymmetric chromatic function of interval graphs*

Teaching

2023 – 2024 **Tutor** for *Complementi di Matematica*, Scuola Normale Superiore

Professional experience

2021 – 2022 Revision of the Italian translation of *Disquisitiones Arithmeticae* of C. F. Gauss, edited by S. Graffi and C. Larese, published by Edizioni della Normale, Pisa

Computer skills

Good Python, C, SageMath
Basic $\text{\LaTeX}$

Languages

Native Italian
Native Sicilian
Advanced English
Basic French