

Cecilia D'Errico



Contact

E-mail cecilia.derrico@universite-paris-saclay.fr
Address 14 rue du Royaume, 91440 Bures-sur-Yvette, France
Office 2A21, IMO, Building 307, rue Michel Magat, 91400 Orsay

Education and professional experience

2023-present	PhD under the codirection of Pierre Calka and Nathanaël Enriquez, EDMH, Paris-Saclay University, France
2022-2023	Job as a high school teacher in physics Bellinzona, Switzerland
2021-2022	Master 2 of Probability and Statistics, Paris-Saclay University, France
2020-2021	Master 1 of Fundamental Mathematics Jacques Hadamard, Paris-Saclay University, France
2017-2020	Bachelor of Science of Mathematics, ETH Zürich, Switzerland & Paris-Saclay University (ERASMUS)
2014-2017	Bachelor of Science of Electrical Engineering and Information Technology, ETH Zürich, Switzerland

Research topics

Keywords: *Probability, Stochastic Geometry, Random Graphs, Point Processes.*

Asymptotics of observables of the Poisson-Voronoi tessellation in the Euclidean space.
Laws of observables of random simplices in the unit sphere.

Conferences and presentations

28.09.2025 - 3.10.2025	Talk at JPS-2025, Saint Pierre d'Oléron
02.06.2025 - 04.06.2025	Talk at 12ième SMAI, Carcans (Bordeaux)
12.05.2025 - 14.05.2025	Talk at Spring School Women in random discrete structures, Münster university, Germany
23.01.2025	“Pitch” talk at Les rencontres MathTech, IHES
15.01.2025	Talk at Journée Maths En Herbe 2025, IHES
11.11.2024 - 15.11.2024	Assisted to the workshop Processes on Graphs and Maps days
23.10.2024 - 25.10.2024	Talk at GrHyDy2024, Université Lille
15.01.2024 - 26.01.2024	Assisted to the Winter school on geometry and probability, Bonn University, Germany

Languages

Italian	mother tongue
French	fluent
English	fluent
German	very good understanding skills, basic speaking skills

Teaching activities

2023-present	Full teaching duty during PhD (undergraduate probability)
2023-2025	Organization of the Atelier MathEnJeans, Orsay <i>Blaise Pascal</i> high school
2022-2023	High school teaching (physics), Switzerland
2010-2022	Tutoring for students aged 8-40 (mathematics and physics)

Programming skills

Python	good practical knowledge
C++	good basic knowledge
Matlab/Octave	good practical knowledge