

## EDUCATION

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<b>Université Paris-Cité, Institut de Mathématiques de Jussieu - Paris Rive Gauche.</b> PhD student, under the supervision of François Le Maître and Romain Tessera.	2023-
<b>Université Paris-Saclay.</b> Second year of Master, Mathematics of randomness. First class honours.	2022-2023
<b>Agrégation de mathématiques</b> (competitive examination for teaching). Rank : 27th/338.	2022
<b>Ecole Normale Supérieure Paris-Saclay, Université Paris-Saclay</b> Second year of Master, Formation to higher-education teaching in mathematics. First class honours. First year of Master, Mathematics, Parcours Jacques Hadamard. First class honours. Bachelor, Mathematics. First class honours.	2021-2022 2020-2021 2019-2020
<b>Lycée Louis-le-Grand</b> Preparatory classes : undergraduate intensive course in mathematics and physics.	Paris, France 2016-2019
<b>Lycée Jacques Feyder</b> Baccalauréat. First class honours.	Epinay-sur-Seine, France 2013-2016

## RESEARCH INTERNSHIPS :

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<b>Institut de Mathématiques de Jussieu - Paris Rive Gauche</b> Shannon orbit equivalence. Internship supervisor : François Le Maître.	2023, April-August
<b>Centro de Matemática da Universidade do Porto</b> Extreme values in dynamical systems. Internship supervisors : Ana Cristina Moreira Freitas and Jorge Milhazes Freitas.	2021, April-July
<b>Ecole Normale Supérieure Paris-Saclay, Centre Borelli</b> Use of stochastic differential equations in models usually studied with a deterministic point of view. Internship supervisor : Laure Quivy.	2020, March-June

## TEACHING

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<b>Université Paris-Cité</b> Data science (L3 MIASHS) Statistics (L3 MIASHS)	2023-2024 2023-2024
<b>Oral examiner in preparatory classes, in mathematics :</b> Lycée Henri IV Lycée Louis-le-Grand	Paris, France, 2020-2021 and 2022-2023 Paris, France, 2019-2021
<b>Support courses :</b> IPESUP	Paris, France, 2022-2023

## TALKS

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Seminar SymPA	LAMFA, Amiens, France, 10-09-2024
Workshop "Orbit equivalence"	Besse-en-Chandesse, France, 11-07-2024

Conference "Groups, Languages, and Random Walks"	Cortona, Italy, 04-06-2024
Conference "Dynamics on zero-dimensional spaces: new connections"	Leiden, Netherlands, 16-05-2024
Seminar operator algebra	IMJ-PRG, Paris, France, 02-05-2024
PhD seminar	IMJ-PRG, Paris, France, 15-02-2024
Seminar groups and actions	Orsay, France, 29-01-2024

## ATTENDED CONFERENCES

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"Orbit equivalence"	Besse-en-Chandesse, France, 08-07-2024 - 12-07-2024
"Groups, Languages, and Random Walks"	Cortona, Italy, 03-06-2024 - 07-06-2024
"Dynamics on zero-dimensional spaces: new connections"	Leiden, Netherlands, 13-05-2024 - 17-05-2024
"Coarse geometry and dynamics"	Lyon, France, 30-08-2023 - 01-09-2023

## PUBLICATIONS / PREPRINTS

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- [1] Corentin Correia. *Rank-One Systems, Flexible Classes and Shannon Orbit Equivalence*. 2024. arXiv: 2407.06997 [math].
- [2] Corentin Correia, Ana Cristina Moreira Freitas, and Jorge Milhazes Freitas. "Cluster Distributions for Dynamically Defined Point Processes". In: *Physica D: Nonlinear Phenomena* 457 (2024), 133968. DOI: 10.1016/j.physd.2023.133968.