

# MARIO GAUVRIT

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Paris, France

## EDUCATION

- PhD, Asymptotic analysis of Yang-Mills connections

**Université Paris Cité**

2023-...

Paris, France

Supervised by Paul Laurain

- Master Degree, Fundamental Mathematics,

**Sorbonne Université**

2022 - 2023

Paris, France

With highest honour

- Higher education teacher training in mathematics (preparation for the agrégation)

**ENS Paris-Saclay**

2021 - 2022

Gif-Sur-Yvette, France

Rank : 6th

- First year of Master's degree - M1 Jacques Hadamard

**ENS Paris-Saclay / Université Paris-Saclay / Institut Polytechnique de Paris**

2020 - 2021

Gif-Sur-Yvette, France

With highest honour

- Last year of Bachelor's degree - L3 Mathematics

**ENS Paris-Saclay / Université Paris-Saclay**

2019 - 2020

Cachan, France

With highest honour

- Two-year intensive university-level preparation in maths and physics to prepare for highly competitive nationwide exams

**Lycée Pierre de Fermat**

2017-2019

Toulouse, France

With highest honour

## TEACHING

Probability (undergraduate level),  
Differential equations for biologists (undergraduate level)

2023-2024

## RESEARCH INTERNSHIPS

- Energy quantisation and Morse index stability for some conformally invariant problems

**IMJ-PRG**

may - july. 2023

Paris, France

Supervisor : Paul Laurain

- Linear and non-linear control of the wave equation

**Gipsa-lab**

april - july. 2021

Grenoble, France

Supervisor : Christophe Prieur

- Moment closure in stochastic models for population dynamics

**Centre Borelli**

april - june 2020

Cachan, France

Supervisor : Arnaud Personne

## SKILLS

python

advanced

$\LaTeX$

great knowledge

## LANGUAGES

French

Native

English

C2 (CAE)

Spanish

B1

Chinese

A2