

Sacha Quayle

Born : 18/12/1999

Email address : `firstname[dot]lastname[at]sorbonne-universite[dot]fr`



EDUCATION

PhD thesis, LPSM (2024-2027)

Non-linear Hawkes Processes and Applications in Neuroscience.
Supervised by Anna Bonnet and Maxime Sangnier.

Sorbonne University, Paris

Sorbonne University (2023-2024)

Master's (M2) in Probability and Random Models (PMA).

Paris

École normale supérieure of Rennes (2020-2023)

- *Agrégation externe* of Mathematics (2023), option A, rank 37/345.
- Master's (M2) in Mathematics for Teaching (2022-2023).
- Master's (M1) in Fundamental Mathematics (2021-2022).
- Bachelor's (L3) in Mathematics (2020-2021).

Bruz

CPGE, Lycée Malherbe (2017-2020)

Preparatory Classes, Mathematics and Physics (MP).

Caen

Baccalauréat, Lycée Jean-Paul II (2017)

Scientific and international English sections, speciality Mathematics.

Coutances

TEACHING

Teaching Assistant at Sorbonne University (2024-2025)

- Statistics (L3 Mathematics).
- Time Series (M1 ISUP).

Paris

Oral examinations in CPGE

- Lycée Henri IV, Paris (2023-2024), MPSI 1, 2h/week.
- Lycée Malherbe, Caen (2020-2021), MP*, 1h/week.

INTERNSHIPS

Master's (M2) (2024), LPSM

Hawkes processes with Variable Memory, supervised by Anna Bonnet and Maxime Sangnier.

Paris

Master's (M1) (2022), IMT

Discrete-time Hawkes processes, supervised by Laure Coutin.

Toulouse

Bachelor's (L3) (2021), IMB

Flocking phenomenon in Cucker-Smale models, supervised by Philippe Thieullen.

Bordeaux