

Hugo Chardon

Visiting professor in statistics, UC Berkeley

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French citizen

Positions

- Aug. 2025 - present **Neyman visiting assistant professor**, Department of Statistics, UC Berkeley
- Sep. 2024 - July 2025 **Teaching coordinator for statistics and machine learning courses**, ENSAE Paris.

Education

- Oct. 2021 - June 2025 **Ph.D. in mathematical statistics**, CREST-ENSAE Paris, Palaiseau, France
 - Ph.D. thesis under the supervision of **Matthieu Lerasle** and **Jaouad Mourtada**. Dissertation title: *Finite-sample theory for maximum likelihood estimation in logistic regression*. Defended on June 26th. **Committee:** Alexandre Tsybakov (President), Francis Bach & Sara van de Geer (reviewers), Alain Celisse (examiner), Matthieu Lerasle and Jaouad Mourtada (advisors).
- Sep. 2020 - Sep. 2021 **MSc. in statistics and machine learning**, Université Paris-Saclay, Orsay, France
Master's degree *Mathematics of Randomness (Probability, Statistics, Machine Learning)*. Master thesis on *benign overfitting in regression and classification*.
- Sep. 2018 - Sep. 2021 **Engineering degree**, ENSAE Paris, Palaiseau, France
Major in *Data Science, Statistics and Machine Learning*.
- Sep. 2015 - Jun. 2018 **Classes préparatoires aux Grandes Écoles**, Lycée Louis-le-Grand, Paris.

Publications

- 2024 **Finite-sample performance of the maximum likelihood estimator in logistic regression**, H. Chardon, M. Lerasle, J. Mourtada, arXiv preprint, arXiv:2411.02137, revision.
[arXiv link](#).

Talks

- Dec. 2025 **Probability seminar**, UC Berkeley, non-asymptotic phase transition for the logistic model

- Jun. 2025 **56èmes journées de statistique**, *Marseille, France.*, Classification with light-tailed predictors
- Mar. 2025 **Séminaire Parisien de Statistique (Paris Statistics Seminar)**, *Institut Henri Poincaré, Paris, France*, invited by [Alain Célisse](#) and [Laure Sansonnet](#).
- Jan. 2024 **CREST Students seminar**, *CREST-ENSAE, Palaiseau, France*.
- Sep. 2024 **INRIA FairPlay team retreat**, *Aussois, France*.
- Oct. 2023 **Paris 1 research seminar, SAMM group**, *Université Paris 1*, invited by [Alain Célisse](#).
- Sep. 2023 **Workshop Statistics and Applied Mathematics (StatMathAppli)**, *Fréjus*.
- Jul. 2023 **54èmes journées de statistique**, *Université libre de Bruxelles*.
- May 2023 **Ph.D. students day**, *Hadamard Graduate School of Mathematics (EDMH)*, *CREST-ENSAE, Palaiseau, France*.

Service

- Journal reviewing Annals of Statistics.
- Committee Admission for Master's degree at ENSAE for students from Ecole Polytechnique.

Conferences

- Apr. 2025 Workshop “recent advances in statistical robustness”, *ESSEC Rabat, Rabat, Morocco*.
- Aug. 2024 Journées du groupe de Modélisation Aléatoire et Statistique (MAS), *Université de Poitiers, France*.
- Dec. 2023 and 2024 Meeting in Mathematical Statistics, *CIRM, Luminy, France*.
- Jul. 2022 Saint Flour Probability summer school.

Teaching

- Aug. 2025 - **visiting professor**, *UC Berkeley, Stat 20*
present

Oct. 2021 - June **teaching assistant, ENSAE Paris**

- 2025

 - 2023-2024 and 2024-2025: Mathematical statistics (fast track for students from École Polytechnique joining ENSAE), Statistics 1 and 2 (graduate), probability theory (undergraduate).
 - 2022-2023: Mathematical Statistics (fast track), Measure Theory, Probability Theory, Statistics 2.
 - 2021-2022: Functional and Convex Analysis (undergraduate), Measure Theory, Statistics 2.

2019-2020 **Oral examiner (colleur)**, Lycée Louis-le-Grand, Oral exams in classes préparatoires.

Skills

Scientific Python, R, Julia (beginner). computing

other \LaTeX , version control with git.

Languages

French mother tongue

English fluent

work experience in the UK

Italian advanced

Other interests

Sport Judo (black belt, competitive level), cycling.

Misc Cooking and baking.