

# 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 Célisse (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 Céliste](#) 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 Céliste](#).
- 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 - present **visiting professor**, *UC Berkeley, Stat 20*

- Oct. 2021 - June 2025 **teaching assistant, ENSAE Paris**
- 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 computing Python, R, Julia (beginner).  
 other  $\text{\LaTeX}$ , 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.