

# CURRICULUM VITAE

LUCA ZIVIANI

September 2025

Place and date of birth: Soave (VR), 18 January 1998.

Nationality: Italian

Phone Number: (+33) 768636493

Email address: ziviani@ceremade.dauphine.fr

Address: 14, rue Cognacq-Jay, 75007, Paris, France

[Linkedin profile](#)

[GitHub](#)

[Google Scholar](#)



## Education

- 2022 - Present; **PhD, Mathematics**, Université Paris-Dauphine PSL (Paris).  
*Supervisor:* Emeric Bouin  
*Laboratory:* (CEREMADE) Centre de recherche en mathématiques de la décision.
- 2020 - 2022; **Master degree, Mathematics**, MAPPA double degree program operated by  
- University of Padova (Italy)  
- University Paris Sciences & Lettres (France)  
*Title:* Kinetic Theory and Hypocoercivity.  
*Supervisor:* Emeric Bouin; Co-supervisor: Daniela. Tonon  
*Final grade:* 110/110 cum laude.
- 2017 - 2020; **Bachelor degree, Mathematics**, Università di Padova, Italy.  
*Title:* Rademacher and Whitney's Theorems  
*Supervisor:* Davide Vittone  
*Final grade:* 110/110 cum laude
- 2013 - 2017; **High school degree**, Liceo scientifico Copernico-Pasoli, Verona, Italy.

## Teaching

- 2025 - 2026; **Teaching Assistant**, MIDO, Université Paris-Dauphine PSL.  
- Analysis 1, Bachelor's Degree in Applies Mathematics, 1<sup>st</sup> year.  
- Game Theory, Bachelor's Degree in Applies Mathematics, 3<sup>rd</sup> year.
- 2024 - 2025; **Teaching Assistant**, MIDO, Université Paris-Dauphine PSL.  
- Game Theory, Bachelor's Degree in Applies Mathematics, 3<sup>rd</sup> year.
- 2023 - 2024; **Teaching Assistant**, MIDO, Université Paris-Dauphine PSL.  
- Analysis 2, Bachelor's Degree in Applies Mathematics, 1<sup>st</sup> year.  
- Game Theory, Bachelor's Degree in Applies Mathematics, 3<sup>rd</sup> year.
- 2022 - 2023; **Teaching Assistant**, MIDO, Université Paris-Dauphine PSL.  
- Analysis 2, Bachelor's Degree in Applies Mathematics, 1<sup>st</sup> year.  
- Game Theory, Bachelor's Degree in Applies Mathematics, 3<sup>rd</sup> year.

## Publications

- E. Bouin, J. Dolbeault, L. Ziviani,  $L^2$  Hypocoercivity methods for kinetic Fokker-Planck equations with factorised Gibbs states, Kolmogorov Operators and Their Applications, Springer, 2024. [arxiv](#)
- E. Bouin, J. Evans, L. Ziviani, Sub-exponential tails in biased run and tumble equations with unbounded velocities, 2025. [arxiv](#)

- E. Bouin, L. Ziviani, *Convergence to a non-explicit steady state in non-factorized kinetic Fokker-Planck equations with (very) weak velocity confinements*, 2025. [arxiv](#)

## Talks

21 May 2025	<a href="#">Junior Analysis Seminar</a> , Imperial College London
28 November 2024	Young Researchers' Seminar, Université Paris-Dauphine
8 October 2024	<a href="#">Modeling, theory and numeric for PDEs</a> , Aussois, France
1-5 July 2024	<a href="#">EWM-EMS Summer School: Kinetic Theory Arising from Mathematical Biology</a> , Institut Mittag-Leffler
10-13 April 2024	<a href="#">EELISA InnoCORE Connect Workshop</a> , Universidad Politécnica de Madrid, Spain.
12 October 2023	<a href="#">Young Researchers' Seminar</a> , Université Paris-Dauphine, France.
28 January 2023	<a href="#">MAFRAN Conference</a> , King's College, Cambridge
23 February 2023	Young Researchers' Seminar, Université Paris-Dauphine

## Events

21-27 January 2024	<a href="#">PDE &amp; Probability in interaction</a> , CIRM, Marseille
12-13 December 2023	<a href="#">KineticNet Workshop</a> , University of Warwick
23-25 November 2022	<a href="#">Dernier Workshop du projet ANR EFI</a> , Lyon