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### Papers

- 2022 **BACON, Xavier**, *A few models of vector-valued Optimal Transport (Thesis)*
- 2022 **BACON, Xavier, CARLIER Guillaume, NAZARET Bruno**, *A spatial Pareto exchange economy problem (accepted and upcoming in Applied Mathematics and Optimization Journal)*
- 2019 **BACON, Xavier**, *Multi-species Optimal Transportation. Journal of Optimization Theory and Applications, 2020, vol. 184, no 2, p. 315-337*

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### Education

- 2020–present **A.T.E.R.**, *Paris Dauphine-PSL University*, Paris, Ceremade team
- 2017–2022 **Ph.D student in Mathematics**, *Panthéon-Sorbonne University*, Paris, Ph.D entitled *A few models of vector-valued Optimal Transport*
- 2016–2017 **Master's Degree in Mathématiques de la Modélisation**, *UPMC*, Paris
- 2016 **Agrégation in Mathematics**
- 2010–2013 **Bachelor's Degree in Mathematics**, *UPMC*, Paris
- 2010–2013 **Bachelor's Degree in Physics**, *UPMC*, Paris

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### Other skills

- Languages French (*native*), English, scholastic German, Japanese (*N5*).
- Computing Python, Scilab,  $\text{\LaTeX}$ , pack Office.

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### Work experience

- 2020–2023 **Lectures and tutoring in Linear Algebra, Analysis and Probability (L1) and tutoring in Continuous Optimization (M1)**, *Paris Dauphine-PSL University*, Paris
- 2017–2020 **Tutor in Calculus (L1), Linear Algebra (L2) and Analysis (L2)**, *Panthéon-Sorbonne University*, Paris