

Jules Berry

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Nationality : French

Education

- October 2022 – Present **PhD student in Applied Mathematics**, *University of Rennes – INSA Rennes*, Rennes, France
Supervised by : Olivier Ley (INSA Rennes) - Francisco Silva (University of Limoges).
- 2021–2022 **Master 2 in Fundamental Mathematics**, *Analysis & Numerics Track*, University of Rennes 1
- 2020–2022 **Master's degree in Fundamental Mathematics**, *University of Rennes 1*, Rennes, France, with Highest Honours
- 2017–2020 **Bachelor's degree in mathematics**, *University of Lyon 1*, Lyon, France, with Honours
- 2015–2017 **First Cycle**, *INSA Lyon*, Lyon, France

Internships

- March-June 2022 **Research internship**, *IRMAR – INSA Rennes*, Rennes, France
Subject : Mean Field Games on Networks.
Supervised by : Olivier Ley (INSA Rennes) - Francisco Silva (University of Limoges).
- June-July 2021 **Research internship**, *INRIA Rennes*, Rennes, France, SIMSMART team
Subject : Generalization of screening methods to quadratic programming problems.
Supervised by : Cédric Herzet (INRIA Rennes).

Talks

- January 2024 **A theorem of Brezzi, Rappaz, and Raviart from the point of view of variational analysis**, *3rd International Conference on Variational Analysis and Optimization – In Honor of Boris Mordukhovich*, Santiago, Chile
- January 2024 **Approximation of stable solutions to a stationary MFG system**, *Conference on Numerical methods for optimal transport problems, mean field games, and multi-agent dynamics*, Valparaiso, Chile

Teaching

- 2023-2024 **Analyse 3**, *INSA Rennes*, Exercise Sessions (48h)
- 2023-2024 **Outils d'analyse pour l'ingénieur**, *INSA Rennes*, Exercise Sessions (10h)
- 2022-2023 **Analyse 3**, *INSA Rennes*, Exercise Sessions (52h)
- 2022-2023 **Outils d'analyse pour l'ingénieur**, *INSA Rennes*, Exercise Sessions (10h)

Scientific Events

- January 2024 **3rd International Conference on Variational Analysis and Optimization – In Honor of Boris Mordukhovich**, Santiago, Chile

January 2024	Conference on Numerical methods for optimal transport problems, mean field games, and multi-agent dynamics , Valparaiso, Chile
June 2023	Summer School on Mean Field Models , Rennes
March 2023	ANR COSS meeting , Paris
December 2022	Workshop Mean Field Games and Applications , Paris
June 2022	Workshop Theory and numerics of Mean Field Games and Hamilton-Jacobi equations , Rome
June 2022	SMAI MODE days , Limoges

Languages

French	Mother Tongue
English	Proficient