

Lucas Davron

PHD student in Mathematics

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Education

- 2023-present **PHD in Mathematics**, CEREMADE (Université Paris-Dauphine), Subject: "Controllability of the induced earthquakes", under the supervision of P. Lissy (CERMICS, École des points), Olivier Glass (CEREMADE) and S. Marx (LS2N, École Centrale Nantes)
- 2021-2023 **Master degree in Mathematics**, Dauphine-PSL and Università degli studi di Padova (double degree), First year in Padova (laurea magistrale) and second year in Dauphine (M2 MATH)
- 2018-2021 **Bachelor in Mathematics**, Université Paris Dauphine-PSL, major in "Mathématiques approfondies" Honors (Mention très bien)
- 2017-2018 **CPGE MPSI**, Charlemagne, 75004, Paris
- 2017 **High school diploma**, Scientific section, specialty in Physics and Chemistry LTP Saint Nicolas, 75006, Paris Honors (Mention très bien)

Experiences

- 2024-2025 **Seminar organization**,
Member of the organization team for CEREMADE's Young Researcher Seminar
- 2023 **Master thesis**,
Under the supervision of Pierre Lissy, on the mathematical control of an induced earthquake model, at Paris Dauphine university, 6 months duration
- 2022-2023 **Tutorat pôle handicap**,
Mathematical tutoring with a physically challenged Bachelor student
- 2022-2023 **Tutorat MIDO**,
Tutoring for the MIDO department (math department of Dauphine) at the Bachelor level
- 2021 **Research internship, IMT (Toulouse)**,
Theoretical and numerical study of the treshold phenomenon arising in reaction diffusion PDEs, 2 months duration

Interests

Hiking, climbing, beach-volley, cycling, ecology, cinema, litterature

Skills

Computer science

Latex Advanced
Python Basic
C Notions

Languages

French Mother tongue
English Fluent
Italian Basic
German Notions