

Benoît Fanton

- Aged 21 (4th of March of 2003)
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Education

- 2023-present *École normale supérieure-PSL*, Paris
Studying for the International Centre for Fundamental Physics (ICFP) Master.
Main courses taken: Relativistic quantum mechanics, Partial differential equations, Introduction to general relativity, Phase transitions, Quantum optics — study of lasers, Superfluidity, Quantum matter, Symmetries in Physics.
- 2022-2023 *École normale supérieure-PSL*, Paris
Graduated from a *Double Licence* (equivalent to a double Bachelor's degree) in Math and Physics.
- 2020-2022 *Lycée Louis-le-Grand*, Paris
Classe préparatoire aux grandes écoles, a 2-year intensive course preparing to the national competitive examinations (*concours*) selecting French students for engineering schools and the *École normale supérieure*.
Courses taken: Math, Physics, Engineering, IT, French, English and Spanish

Research experience

- 2023 *Laboratoire Kastler Brossel, Collège de France*, Paris
Physics internship under the supervision of Jean Dalibard, one month.
Pseudo-potential bound states
- 2023 *Université Paris Cité*, Paris
Math internship under the supervision of Romain Petrides, one day a week for a semester.
Laplace-Dirichlet and Steklov eigenvalues

Work experience

- 2022-2024 *Lycée Louis-le-Grand*, Paris
Supervision of oral examinations (*Colles*) for *Classe préparatoire* students in Physics, 2 hours a week.
- 2020-present Volunteer for the association *Animath* which prepares French high school students to participate in international math competitions (IMO, RMM, EGMO,...).
 - Give math courses in 2-week summer camps
 - Grade national exams to select students

Awards

- 2021 Gold medal at the IPhO (International Physics Olympiad)
2020 Bronze medal at the OFM (Francophone Mathematical Olympiad)

Other skills

Good command of English
Basic Spanish
Beginner (self-taught) in German
Practical knowledge in Python