

Federico Ghimenti

Physics PhD student

Personal Details

Birth Rome, 13th of Sept, 1997
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Education

2021–Present **PhD**, *Université de Paris Cité*, Laboratoire Matière et Systèmes Complexes, Paris, France.
Thesis under the supervision of Frédéric van Wijland on *Glassiness and chaotic dynamics in high space dimensions*
2019–2021 **M. Sc.**, *ENS International Centre of Fundamental Physics*, Paris, France, Final Mention: *Très bien*.
Theoretical Physics
2016–2019 **B. Sc.**, *Sapienza University of Rome*, Rome, Italy, Final grade: *110/110 cum laude*.
Physics
2011–2016 **Diploma**, *Liceo Scientifico Talete*, Rome, Final grade: *100/100*.
High School education

Employements and Internships

2020 **M1 Internship** *Laboratoire de Physique de l'Ecole Normale Supérieure de Paris*.
Supervision: Giulio Biroli, Gilles Tarjus, Misaki Ozawa. Project: *Plastic flow of two-dimensional solids*
2021 **M2 Internship** *Laboratoire Matière et Systèmes Complexes de l' Université de Paris Cité*. Supervision: Frédéric Van Wijland. Project: *Accelerating Brownian Dynamics*

Scholarships and fundings

2016–2019 Education fees exemption as *studente meritevole* (Excellent Student) at *Sapienza University of Rome*.
2019–2021 Monthly scholarship from international student from International Centre of Fundamental Physics

2021–2024 PhD thesis funding from Ecole Doctorale Paris Ile de France (EDPIF)

Teaching experience

2022 *Travaux Pratiques* (Lab classes) of Optics at IUT Université de Paris Cité

2022 *Travaux Pratiques* (Lab Classes) of Logical Electronics at IUT Université de Paris Cité

Computer Skills

Languages C, Python, HTML, Latex, Mathematica

Softwares Ovito, Excel, PowerPoint

Languages

Italian Mother tongue

English Fluent

French Intermediate

Interests

- Music

- Swimming

- Climbing

- Reading

Publications

F. Ghimenti, F. van Wijland, *Accelerating, to some extent, the p -spin dynamics*, accepted by Phys. Rev. E (2022)

F. Ghimenti, G. Biroli, M. Ozawa, G. Tarjus, *Plastic flow of two dimensional solids*, in preparation