

# Federico Ghimenti

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*Physics PhD student*

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## 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

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## 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*

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## 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*, submitted to Phys. Rev. E (2022)

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