Curriculum Vitae – Fall 2025

Family name: Gasbarri
Given name: Gabriele

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Qualifications

- *High school diploma, "Liceo Scientifico Paolo Ruffini", Viterbo, 100/100 with Honours.*
- *Bachelor degree in Physics, University of Rome La Sapienza, Thesis: "Reti Neurali per Superfici di Energia Potenziale" ("Neural Networks for Potential Energy Surfaces"), Advisor: Prof. Francesco Sciortino, 110/110 with Honours (2020-2023)*
- *Master degree in Theoretical Physics, University of Rome La Sapienza, Thesis: "A Quantum Photonic Interferometry Framework for Classical Generalized Hopfield Models: A Statistical Mechanics Perspective", Advisor: Prof. Luca Leuzzi, 110/110 with Honours (2023-2025)*
- *Student of the Physics Excellence Program for both the Bachelor and Master courses.*

Awards and Scholarships

- "Viaggio premio per i migliori studenti del corso di Fisica Nucleare e Subnucleare 1", Fully funded visit to Cern awarded by the Rome INFN section to the best 8 students of the Nuclear and subnuclear physics course.
- "Borsa di merito" (2020-2025), Full tuition fee reimbursement, granted to students with a high school diploma score of 100/100 who maintain a GPA equivalent to ≥ 28/30 with no grade below 27 throughout the entire degree program.

Research Interests

Statistical Physics, Disordered and Complex systems, Machine learning and Computational Neuroscience

Language Skills

Italian (Mother Tongue)
English (7.5 IELTS)

IT Skills

- *Python, C, Javascript, SQL*