

Massimo Cicuzza

Curriculum Vitae – Ai fini della pubblicazione

Profile

Master's student in Condensed Matter Physics at Sapienza University of Rome, with a strong background in solid-state physics, quantum mechanics and statistical physics. Experience in computational methods for electronic structure calculations and tutoring activities in mathematics and physics.

Education and Training

Ongoing	Master's Degree in Physics (Condensed Matter Physics) Sapienza University of Rome — Italy Focus on condensed matter theory, electronic structure of materials, quantum optics, and numerical methods.
Completed	Bachelor's Degree in Physics (110/110 cum laude) Sapienza University of Rome — Italy Core coursework included classical mechanics, electromagnetism, quantum mechanics, and statistical physics.

Bachelor's Thesis

Binding Energy of Excitons in Monolayer WS₂
Study of excitonic effects in two-dimensional transition metal dichalcogenides, with focus on electronic structure and many-body interactions.
Bachelor's thesis available upon request.

Work Experience

2025	Research Grant Holder Physics Laboratories, Sapienza University of Rome — Italy Support activities in physics laboratories, assisting research and educational projects.
2022 – Present	Private Tutor (Mathematics and Physics) Self-employed One-to-one tutoring for high-school students in mathematics and physics, focusing on problem-solving skills and conceptual understanding.

Personal Skills

Mother tongue

Italian

Other languages

	Understanding	Speaking	Writing
English	Fluent (C1)	Fluent (C1)	Fluent (C1)

Technical and Scientific Skills

- Condensed matter and solid-state physics
- Quantum mechanics and statistical physics
- Density Functional Theory (DFT) — *Quantum ESPRESSO*
- Quantum Monte Carlo methods
- Programming: C, Python
- Scientific writing with L^AT_EX

Ai fini della pubblicazione

Roma, 25/02/2026

F.to Massimo Cicuzza