



Matteo Lugli

Education

- 2019— **Ph. D. in Physics**, *University of Pavia*, Pavia (IT).
- 2017–2019 **M. Sc in Physics**, *University of Pavia*, Pavia (IT), 110/110 cum laude.
- 2014–2017 **Bachelor in Physics**, *University of Pavia*, Pavia (IT), 110/110 cum laude.
Dissertation title: Mass and Proper Time as Conjugated Observables.
Advisor: prof. Giacomo M. D'Ariano, coadvisor: dr. Alessandro Tosini
Available at: arxiv.org/abs/1710.06504.
- 2014 **Scientific High School**, *IIS F. Corni*, Modena (IT), 93/100.

Master thesis

- Title State Discrimination with local Resources in the Fermionic Theory
- Supervisors prof. Paolo Perinotti, dr. Alessandro Tosini
- Description The work investigates the problem of state discrimination by means of local operations and classical communication in the Fermionic quantum theory.

Experience

- 2012–2013 **AFS Exchange Year**, *student*, Kriens (CH), ten months.
I lived with a swiss host family in the town of Kriens and attended the course of Physics and applications of mathematics at the Kantonsschule Alpenquai in Lucerne.

Languages

- English Good *First Certificate in English (B2)—15 Jul 2011*
- German Good *Goethe-Zertifikat C1—1 Jul 2013*

Computer skills

- Programming languages C#, Java, PHP, JavaScript (HTML, CSS), Python, C++
- ICT Certificates ECDL Full Standard AICA (18/03/2014)
- Software applications Visual Studio, Microsoft Office Suite, Latex

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