

# Leopoldo Poggiali

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*Curricul vitæ*

## Education

- 2007-2012 **High school diploma**, *Istituto Statale SS. Annunziata*, Firenze, 100/100.  
High school studies in humanities
- 2012-2015 **Bachelor Degree**, *Università degli studi di Firenze*, Firenze, 110/110 *cum laude*.  
Bachelor degree in Physics and Astrophysics
- 2015-2017 **Master Degree**, *Università degli studi di Pavia*, Pavia, 110/110 *cum laude*.  
Master degree in Physical, theoretical curriculum

## Master thesis

- title *Unitarity conditions for homogeneous Fermionic Cellular Automata*
- supervisors Prof. Paolo Perinotti
- description Analysing unitary conditions for non-linear Fermionic Cellular Automata (FCAs), we found the exact solutions for two paradigmatic case studies and identified some generalizable features in order to find a universal procedure for unitarity in FCAs

## Experience

### Vocational

- 2017- **Phd Student**, *Università di Pavia*, Pavia.  
Project title: Non-linear Quantum Cellular Automata and applications to interacting Quantum Field Theory

### Miscellaneous

- 2016 **Activist**, *Raileigh International*, Gorkha District.  
Reconstruction of idraulic infrastructure damaged by the 2016 earthquake in two local villages

## Languages

- Italian Mother tongue
- English Very good
- German Basic

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