

Curriculum Vitae – Fall 2023

Family name: Passalacqua
Given name: Alessandra
Gender: female
Date of birth: 15/01/1999
Citizenship: Italian
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Qualifications

- **Master's degree in Theoretical Physics**, 2020 - present
Sapienza Università di Roma, Rome, Italy
Level: Graduate (120 ECTS)
Main field of interest: Statistical mechanics of disordered systems
Thesis title: *Complexity of the free energy landscape of mixed spherical spin models with quenched disorder*
Thesis advisor: Prof. Luca Leuzzi
- **Bachelor's degree in Physics (*cum laude*)**, 2017-2020
Sapienza Università di Roma, Rome, Italy
Level: Undergraduate (180 ECTS)
Thesis title: *Ising model on a complete graph: the Curie-Weiss model and the 3-spin interaction model*
Thesis advisor: Prof. Federico Ricci-Tersenghi

Research Interests

Statistical physics of disordered systems

Language Skills

- **Italian:** Native
- **English:** IELTS (2022): *overall score 7.5*
- **French:** ESABAC (2017): *mention très bien*

IT Skills

- **Programming languages:**
Good knowledge of: C++, Python
- **Development environments:**
Good knowledge of R
Fairly good knowledge of: Mathematica, Matlab
- **Document production:**
Good knowledge of LaTeX

