



FRANCESCO MORRI

Physics Student

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Rimini, Italy

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IT

C++ ROOT MPI

Python Numpy PyTorch

JavaScript p5.js

LANGUAGES

Italian: Native

English: B2

French: A2

ABOUT ME

I am currently enrolled in the Master of Physics of Complex Systems, a program jointly operated by Universities Paris-Saclay, Sorbonne Université and Université de Paris, together with Politecnico di Torino, SISSA and ICTP in Trieste.

EDUCATION

BSc | Universtà di Bologna

Oct 2017 – Sep 2020

Bologna, Italy

- Supervisor: Prof. Rita Fioresi
- Thesis: A thermodynamic approach to deep learning

Visiting Student | SISSA & ICTP

Sep 2020 – Jan 2021

Trieste, Italy

- First semester of the Master in Physics of Complex System

Erasmus | Sorbonne Université

Sep 2021 – Jan 2022

Paris, France

- Third semester of the Master in Physics of Complex Systmes

MSc | Politecnico di Torino

Sep 2020 – Ongoing

Turin, Italy

EXPERIENCE

Internship | IPHT (Université Paris Saclay)

Mar 2022 – Jul 2022

Paris, France

- The project concerns the study of simple algorithms to solve continuous constraint satisfaction problems close to their satisfiability transition. It will consist in a numerical part with simulations and, time permitting, an analytical part.

PUBLICATIONS

On the Thermodynamic Interpretation of Deep Learning System | 

2021

- Authors: Rita Fioresi, Francesco Faglioni, Francesco Morri, Lorenzo Squadrani