FRANCESCO MORRI

Physics Student

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 francescomorri 🌐 francescomorri.github.io

IT

C++ ROOT MPI
Python Numpy PyTorch
JavaScript p5.js

LANGUAGES

Italian: Native
English: B2
French: A2

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 Systems

Erasmus | Sorbonne Université

📅 Sep 2021 – Jan 2022 📍 Paris, France

- Third semester of the Master in Physics of Complex Systems

Spring College in Complex Systems | ICTP

📅 Feb 2022 – Mar 2022 📍 Trieste, Italy

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