

FRANCESCO MORRI | Curriculum Vitae

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🐙 GitHub • 🔗 LinkedIn • 🌐 Personal Page

SUMMARY

I am interested in working with AI and complex systems. In particular I like to develop learning models with multiple agents interacting.

CURRENT POSITION

PHD AT INRIA-LILLE
INOCS Team

Under the funding ALPHD@Lille

Oct 2022 - ongoing
Lille, France

EDUCATION

UNIVERSITÀ DI BOLOGNA
BSc in Physics

Oct 2017 - Sep 2020
Bologna, Italy

SISSA & ICTP
Visiting Student

Sep 2020 - Jan 2021
Trieste, Italy

POLITECNICO DI TORINO
2022

MSc in Physics of Complex Systems (International Track)
Final Grade 110/110 cum laude

Sep 2020 - Oct

Turin, Italy

SORBONNE UNIVERSITÉ
Program of the Master (i-PCS track)
Final Mark: 16/20 (Très Bien)

Sep 2021 - Jan 2022
Paris, France

SPRING COLLEGE IN COMPLEX SYSTEMS (ICTP)
List of Courses

Feb 2021 - Mar 2022
Trieste, Italy

EXPERIENCE

RESEARCH INTERN (IPHT, CEA SACLAY)
Supervisor: Pierfrancesco Urbani

The project concerns the study of simple algorithms to solve continuous constraint satisfaction problems close to their satisfiability transition.

Mar 2022 - Jul 2022
Paris, France

SKILLS

PROGRAMMING LANGUAGE
LIBRARIES
LANGUAGES

Experienced: Python | C++ **Familiar:** JavaScript
Python: PyTorch | Matplotlib | Numpy | Pandas **C++:** ROOT | GSL
Native: Italian | **Fluent:** English | **Intermediate:** French

PUBLICATIONS

ON THE THERMODYNAMIC INTERPRETATION OF DEEP LEARNING SYSTEM 🌐

Authors: Rita Fioresi, Francesco Faglioni, Francesco Morri, Lorenzo Squadrani
Nielsen, F., Barbaresco, F. (eds) Geometric Science of Information. GSI 2021. Lecture Notes in Computer Science(), vol 12829. Springer

2021

MULTI-AGENT REINFORCEMENT LEARNING FOR STRATEGIC BIDDING IN TWO-STAGE ELECTRICITY MARKETS

Authors: Francesco Morri, Hélène Le Cadre, Pierre Gruet, Luce Brotcorne

Abstract presented at [LION17](#) conference and [IMACS23](#) conference

2023