

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

MSc in Physics of Complex Systems (International Track)

Final Grade 110/110 cum laude

Sep 2020-Oct 2022

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

Experienced: Python | C++

Familiar: JavaScript

LIBRARIES

Python: PyTorch | Matplotlib | Numpy | Pandas

C++: ROOT | GSL

LANGUAGES

Native: Italian | Fluent: English | Intermediate: French

PUBLICATIONS

ON THE THERMODYNAMIC INTERPRETATION OF DEEP LEARNING SYSTEM



2021

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

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