FRANCESCO MORRI | Curriculum Vitae

☐ francesco.morri@inria.fr
☐ GitHub • in 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 Al_PHD@Lille

Oct 2022 - ongoing

Lille, France

Education _____

UNIVERSITÀ DI BOLOGNA

BSc in Physics

Bologna, Italy

SISSA & ICTP

Visiting Student

Sep 2020-Jan 2021

Oct 2017-Sep 2020

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

Sep 2021-Jan 2022

SORBONNE UNIVERSITÉ
Program of the Master (i-PCS track)

Final Mark: 16/20 (Très Bien)

Paris, France

Feb 2021-Mar 2022

SPRING COLLEGE IN COMPLEX SYSTEMS (ICTP)

List of Courses

Trieste, Italy

Experience ____

RESEARCH INTERN (IPHT, CEA SACLAY)

Supervisor: Pierfrancesco Urbani

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.

VISITING STUDENT (POLYTECHNIQUE MONTRÉAL)

Supervisor: Quentin Cappart

Nov 2023

Montréal, Canada

The visit is part of the Galangal project, joining together researchers from Lille, Montréal and Edinburgh, to work on learning and optimization in electricity markets.

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.

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

LEARNING IN STACKELBERG GAMES WITH APPLICATION TO STRATEGIC BIDDING IN THE ELECTRICITY MARKET

2023

Authors: Francesco Morri, Hélène Le Cadre, Pierre Gruet, Luce Brotcorne EEM24, Jun 2024, Istanbul, Turkey

WINNER CITYLEARN CHALLENGE 2023 (NEURIPS 23) Authors: Francesco Morri, Andoni Irazusta

2023

Winning solution for the NeurIPS CityLearn Challenge