

# Marion CHAUVEAU



## CONTACTS

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Paris, France

[Website](#)

## EDUCATION

2022 – 2025

### PhD in Biological Physics

Grenoble-Alpes University, France  
ESPCI Paris, France

2021 – 2022

### MSc in Applied Mathematics

Mathématiques/Vision/Apprentissage  
ENS Paris-Saclay, France

2020 – 2021

### MSc in Physics

Soft Matter and Biological Physics  
ENS-ICFP, Paris, France

2018 – 2019

### BSc in Physics

ENS Paris-Saclay, France

2015 – 2018

### Prépa PCSI-PSI\* (CPGE)

Lycée Clemenceau, Nantes, France

## EXPERTISE

### Methodological

Statistical and Machine Learning  
Data Analysis

### Technical Skills

Python - LaTeX - Git

## LANGUAGES

French - Native

English - Fluent (C1)

## RESEARCH INTERESTS

Interested in applying **Machine Learning** and **Statistical Physics** to **Biology, Medicine and the Social Sciences**.

## RECENT POSITION

October 2025 – January 2026

### Postdoctoral researcher

Gulliver Laboratory, ESPCI Paris, France

Main projects:

- Overcome undersampling-induced biases in generative models for protein sequences
- Investigate protein properties with statistical models

## RECENT WORKS

**Marion Chauveau.** Generative models for protein sequences. [PhD thesis manuscript](#).

**Marion Chauveau et al.** Overcoming undersampling-induced biases in generative models for protein sequences. [In Preparation](#).

Paul Guénon, **Marion Chauveau et al.** Allostery without Large Motions: Molecular Dissection of a Minimal-Shift MWC Allosteric Regulation. [In Preparation](#).

**Marion Chauveau**, Antoine Mazarguil, Laurent Oudre. Graph dictionary learning for the study of human motion. In [Proceedings of the 46th Annual International Conference of the IEEE Engineering in Medicine and Biology Society \(EMBC\)](#), 2024, pp. 1–5.

## TEACHING

2023 – 2024

### Oral examination in Physics and Chemistry (CPGE “Khôlle”)

Lycée Descartes, Tours, France

September 2023 – December 2023

### Practical works in Physics for L1 students

Sorbonne University, Paris, France

September 2023 – December 2023

### Numerical projects in Physics for L1 students

Sorbonne University, Paris, France