

Curriculum Vitae – Fall 2024

Persia Jana Kamali
Female
03/12/1998
British and Czech
persia.kamali2@phd.unibocconi.it

Qualifications

September 2024 – Present

PhD in Computer Science

Università Commerciale Luigi Bocconi, Milano, Italy

October 2021 – October 2023

Master's degree in Physics of Complex Systems

Politecnico di Torino, Torino, Italy

Thesis Title: *Dynamical Mean Field Theory for Confluent Tissues and Continuous Constraint Satisfaction Problems*

Supervisors: *Dr. Pierfrancesco Urbani, Prof. Alessandro Pelizzola*

September 2022 – July 2023

Master M2 degree in Physics of Complex Systems

Université Paris-Saclay, Paris, France

Thesis Title: *Dynamical Mean Field Theory for Confluent Tissues*

Supervisor: *Dr. Pierfrancesco Urbani*

September 2012 – December 2021

Bachelor's degree in physical engineering

Politecnico di Torino, Torino, Italy

Awards and Scholarships

July 2022

IDEX Scholarship

Université Paris-Saclay, Paris, France

As a support for my master's studies in Paris and based on my previous academic achievements, I was awarded the IDEX scholarship by Université Paris-Saclay, which corresponds to a sum of 10.000 euros per year.

Research Interests

Algorithms, Computational Neuroscience, Disordered Systems, Machine Learning, Statistical Physics

Publications

Kamali, P. J., and Urbani, P. 2023. *Dynamical mean field theory for models of confluent tissues and beyond.* SciPost Physics, 15(5). DOI: 10.21468/SciPostPhys.15.5.219.

Working papers

Kamali, P. J., and Urbani, P. 2023. *Stochastic Gradient Descent outperforms Gradient Descent in recovering a high-dimensional signal in a glassy energy landscape.* arXiv:2309.04788v2.

Other experiences

- July 2024**

Summer School in Complex and Glassy Systems
Institut d'Etudes Scientifiques de Cargèse, Cargèse, France
- June 2024**

Summer School in Statistical Physics of Deep Learning II
Lake Como School of Advanced Studies, Como, Italy
- February 2023 — March 2023**

Spring College on the Physics of Complex Systems
ICTP, SISSA, Trieste, Italy

Work Experience

- February 2024 – July 2024**

Research Assistant
 Università Commerciale “Luigi Bocconi”, Milano, Italy
 Supervisor: Prof. Nicolas Brunel
- February 2023 – July 2023**

Master Thesis Internship
Institut de Physique Théorique (IPhT) - CEA Paris-Saclay
 Supervisors: Dr. Pierfrancesco Urbani
- September 2022 – July 2023**

Tutor for Physics I course
Politecnico di Torino, Torino, Italy

Language Skills

- English** **IELTS Academic**
 Score: 8.0
 Date: 31st May 2019
- Italian** **Mother tongue**
- Czech** **A2**
- French** **A2**

IT Skills

- C** **Good**
- Python** **Good**
- Julia** **Good**