Informations Complémentaires

Job profile : Paris Dauphine University - PSL opens a maître de conférences position in Machine Learning and Artificial Intelligence for September 2025. The research will be carried out in LAMSADE Lab, CNRS UMR 7243. The teaching activity will be undertaken in departments of Paris Dauphine University - PSL, mainly in the Department of Mathematics and Computer Science. Knowledge of French is not mandatory. Below, the profile is detailed first in English, then in French.

Candidates are invited to contact:

- Jérôme Lang (director of LAMSADE)
  jerome.lang@lamsade.dauphine.fr

As well as the heads of the Data Science teams and the MILES research project (Machine Intelligence and Learning Systems):

- Yann Chevaleyre et Khalid Belhajjame (Data Science team)
  yann.chevaleyre@lamsade.dauphine.fr, kbelhajj@googlemail.com

- Alexandre Allauzen et Benjamin Negrevergne (for the MILES project)
  alexandre.allauzen@espci.psl.eu, benjamin.negrevergne@dauphine.psl.eu

Teaching Profile:

The recruited person will teach in the MIDO Department of Paris Dauphine University - PSL, but may also occasionally intervene in other departments, including programs within PSL University. The teaching needs of the department are both numerous and diverse in computer science, particularly in data science and artificial intelligence. The ability to teach a wide range of computer science disciplines and a willingness to be involved in undergraduate (Bachelor's) programs will be prioritized. In the long term, the recruited person is expected to take on pedagogical responsibilities within the MIDO department.

Expertise in artificial intelligence will be highly valued, especially for the "double license" program in AI and Organizational Sciences (*Licence IA/SO*). These skills are also required for the Master 1 I2D and Master 2 IASD programs, as well as in all courses that include artificial intelligence and data science content. It should be noted that Master's courses are taught in English. Therefore, knowledge of the French language is not mandatory for the application.

If the recruited person has never held a *maître de conférences* position before, they will benefit from a partial teaching reduction of 96 hours (equivalent TD hours) in the first year, then 64 hours in each of the following two years.

Teaching Department : MIDO

Work Locations**:** Porte Dauphine Campus, and possibly PariSanté Campus

Teaching team: MIDO department

Department Director : André Rossi

Email of Director : andre.rossi@dauphine.psl.eu

Dept URL : https://dauphine.psl.eu/formations/masters/informatique and
https://dauphine.psl.eu/formations/licences/informatique-des-organisations

Research Profile:

The recruited person will develop research activities in line with the scientific directions of LAMSADE at Paris Dauphine University - PSL, within the PRAIRIE - *Paris School of AI* Institute. We are looking for a candidate specializing in Artificial Intelligence and Machine Learning, whose research aligns with one or more of the themes developed by the Data Science team and the MILES project (Machine Intelligence and Learning Systems), including:

- Trustworthy AI: robustness analysis of neural networks at learning and inference, fairness, explainability, and privacy
- Security and efficiency in the era of large neural networks
- Development of neural architectures
- Large-scale optimization methods for AI
- Theoretical analysis of neural networks and large language models (convergence, memorization, generalization capacity, etc.)

Interested candidates should contact the laboratory as soon as possible.

Work Locations: Porte Dauphine Campus and PariSanté Campus

Laboratory Director: Jérôme Lang

Director's Phone: 01 44 05 40 21

Director's email: jerome.lang@lamsade.dauphine.fr

Lab URL: www.lamsade.dauphine.fr

Lab Description:
LAMSADE is a research laboratory of Paris Dauphine University and the CNRS. Its research activity lies at the intersection of two fundamental disciplines: Computer Science and Decision

Support Systems. Its research themes cover both fundamental and applied aspects, focusing on decision support, decision theory, game theory, operations research, combinatorial optimization, algorithmic complexity, mathematical programming, interactions between decision-making and artificial intelligence, databases, machine learning, and service engineering. The laboratory is structured into three teams: “Decision Support”, “Combinatorial Optimization and Algorithmics” and “Data Science”

Paris Dauphine University is part of PSL University, ranked among the top 50 universities worldwide. It trains researchers, artists, engineers, entrepreneurs, and leaders with a strong sense of social, individual, and collective responsibility.

MILES Description :
MILES is a research project within LAMSADE (CNRS UMR) at Paris Dauphine University - PSL, actively involved in the Paris School of AI (PRAIRIE-PSAI). Bringing together experts in theoretical computer science, machine learning, applied mathematics, and game theory, MILES focuses on the fundamentals of trustworthy machine learning, tackling key challenges such as adversarial robustness, privacy preservation, fairness, and model explainability. MILES members also explore algorithmic advances in areas such as large language models, diffusion models, and efficient AI, with applications in healthcare, robotics, biology, and physics. MILES benefits from national funding through the Priority Research Programs and Equipment (PEPR) in Cybersecurity, Digital Health, and AI and hosts several AI research chairs and fellowships within PRAIRIE-PSAI.

Additional Information

Material resources: Computer, office space
Human resources: Team collaborations
Financial resources: Coverage of conference participation fees according to applicable rules

Other Resources:
The recruited person will benefit from an excellent research environment with access to many resources, thanks to Paris Sciences et Lettres (PSL) and the PRAIRIE-PSAI Institute. In particular, they may apply for a research chair, which provides significant funding and a salary bonus convertible into reduced teaching duties.