Postdoctoral Position in Privacy-preserving and Robust Machine Learning

- **Keywords:** privacy, robustness, machine learning, applications to health data
- **Duration:** two years
- **Supervision:** Jamal Atif, Muni Sreenivas Pydi (MILES Team, LAMSADE, Université Paris Dauphine—PSL), Olivier Cappé (CSD, DI-ENS, Ecole Normale Supérieure—PSL)
- **Location:** PariSanté Campus, 75015 Paris, France

About

The MILES Team, Université Paris Dauphine—PSL, in conjunction with the Centre Sciences des Données (CSD), Ecole Normale Supérieure—PSL, are opening postdoctoral researcher positions on privacy-preserving and trustworthy machine learning. Potential topics of interest include, but are not limited to, differential privacy theory, data privacy in large machine learning models, trade-offs between privacy and robustness, interaction with fairness constraints, and applications to health data. This first call is intended for candidates expecting to be available between July and October 2024.

Qualifications

- Ph.D. in Computer Science or Statistics with a focus on machine learning, data privacy, or related areas
- Strong publication record in top machine learning conferences (ICML, NeurIPS, ICLR, COLT, AISTATS . . .) or journals (JMLR, TMLR, . . .)

Benefits

- Competitive salary, with option to additional teaching opportunities within Université PSL
- Opportunities for collaboration with leading machine learning researchers in Paris region and beyond and to participate to the activities organised by the PRAIRIE institute and PariSanté Campus
- Support for professional development and attendance at conferences

Application

Interested candidates should submit **before January 29** to `jamal.atif@dauphine.psl.eu`, `olivier.cappe@ens.psl.eu`

- Curriculum Vitae (CV)
- Cover letter detailing research interests and relevant experience
- Choice of three representative publications
- Contact information for three references