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