

Postdoctoral position on Optimization for high-performance artificial intelligence

PRAIRIE

PaRis Artificial Intelligence Research Institute

Dauphine | PSL 
UNIVERSITÉ PARIS

A two-year postdoctoral position is available at Université Paris Dauphine-PSL (Paris, France) in the group of [Clément W. Royer](#) at the Paris Artificial Intelligence Research Institute ([PRAIRIE](#)). The position will be funded through the PRAIRIE springboard chair held by Dr. Royer, and is expected to start between September 2021 and January 2022.

The successful applicant will have a PhD in applied mathematics, computer science, or a related area, with strong experience in **continuous optimization** methods. The applicant will be expected to conduct research in the area of optimization for high performance artificial intelligence. Topics of interest include the development of **practical stochastic nonconvex optimization algorithms** for **large-scale data science tasks**, as well as **derivative-free optimization** for **automated machine learning**. Experience in one or more of these areas is desirable, but not mandatory.

The applicant will be hosted by the [MILES](#) team, a multi-expertise group within the computer science laboratory of Université Paris-Dauphine (LAMSADE). In addition to collaborating with Dr. Royer, the successful applicant will have opportunities to interact with other researchers from the MILES team as well as other members of PRAIRIE.

Interested candidates should send a CV along with contact information for two references to: clement.royer@dauphine.psl.eu. Any inquiries regarding this position can be addressed to Dr. Royer via the same email address. By recruiting on behalf of PRAIRIE and Université Paris-Dauphine, Dr. Royer commits to providing equal employment opportunities to all qualified applicants: in particular, knowledge of the French language is not required to apply.