



## Department of Applied Mathematics

### **Full time tenure track Assistant Professor position in Data Science and Artificial Intelligence**

**Deadline for applications : 2021, March 31st**

The Department of Applied Mathematics at Ecole Polytechnique is likely to recruit a full time Monge Assistant Professor in Data Science and Artificial Intelligence starting on September 1st, 2021.

A PhD in Statistics / Machine Learning or related fields is required. Great importance will be placed on the candidate's ability to work in a team environment and to interact with the members of the statistical machine learning group. The excellence of his/her contributions should be attested by publications in the best journals in the field (Annals of Statistics, Electronic J. Statistics, Annals of Applied Probability, J.Machine Learning Research, Stochastic Processes and their Applications, etc...) and international conferences (NeurIPS, ICML, COLT, AISTAT, ICLR, ALT..)

He/She will conduct his/her research at CMAP within the "Signal IMage Numerical Probability Statistical Learning" team and within the Data Science and Artificial Intelligence Research Center Hi! Paris. The candidate will be required to present a detailed scientific project demonstrating how his/her research will strengthen research in learning (he/she is strongly encouraged to contact the statistical machine learning team to discuss the research project).

They must be able to contribute to the teaching of statistics, optimisation and machine learning at all levels of training (Bachelor, Polytechnic Engineering Cycle, Master or even MOOC and Executive Education). They will have to be integrated into the pedagogical teams of the fundamental courses of applied mathematics and the more specialized courses. Their capacity to contribute to project-based teaching and to strengthen the links between teaching, research and applications will be an important point.

Ecole Polytechnique offers an exceptional environment, with a reduced teaching load, as well as the support (scientific, administrative and budgetary) of the CMAP, financial support from the Hi! Paris center ("welcome package") for the preparation of an "habilitation à diriger des recherches" and the submission of an ERC project.

For further information, candidates may contact Eric Moulines ([eric.moulines@polytechnique.edu](mailto:eric.moulines@polytechnique.edu)), Karim Lounici ([karim.lounici@polytechnique.edu](mailto:karim.lounici@polytechnique.edu)) and Aymeric Dieuleveut ([aymeric.dieuleveut@polytechnique.edu](mailto:aymeric.dieuleveut@polytechnique.edu)).