

# Department of Applied Mathematics

## **Full-time tenure track (Monge(\*)) Assistant Professor Position in Statistical Machine Learning**



Application deadline: March 31st 2020  
Starting : September 2020

The Department of Applied Mathematics at Ecole Polytechnique is likely to recruit a full time Monge(\*) (tenure track) Assistant Professor in Data Science and Artificial Intelligence starting on September 1st, 2020.

A PhD in Data Sciences or related fields is required. Candidates must have demonstrated strong research and teaching abilities. 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 (see below). The candidate will be expected to demonstrate contributions to the field at the highest international level: publications in the best journals and international conferences - NeurIPS, ICML, COLT, AISTAT-. He/she will carry out his/her research at CMAP within the "Signal IMage Numerical Probability Statistical Learning" team and will participate in the development of teaching and research chairs. The candidate will be required to present a detailed scientific project demonstrating how his/her research will strengthen research in learning (it is strongly encouraged to contact the statistical machine learning team to discuss the research project).

Candidates 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.

The Ecole Polytechnique offers an exceptional environment, with an adapted teaching load, as well as the support (scientific, administrative and budgetary) of the CMAP, for the preparation of an habilitation to lead research.

Candidates are strongly encouraged to write to the following contacts for further information :

- Eric Moulines, [eric.moulines@polytechnique.edu](mailto:eric.moulines@polytechnique.edu)
- Karim Lounici, [karim.lounici@polytechnique.edu](mailto:karim.lounici@polytechnique.edu)

(\*) Monge assistant professors are 6-year tenure track positions (twice 3 years) that may be promoted to a tenure associate Professor position upon decision of Ecole polytechnique. A more detailed description of Monge positions is available on the school website.