



Department of Applied Mathematics

One full time Assistant Professor Monge (Tenure Track) in Artificial Intelligence and Finance

Application deadline: 2022, March 31st

The Department of Applied Mathematics of Ecole Polytechnique is likely to recruit a full time Assistant Professor (tenure track position) with expertise in artificial intelligence and finance starting September 1, 2022.

Candidates should hold a PhD in applied mathematics and have a proven track record in financial mathematics related to artificial intelligence at the highest international level. The excellence of these contributions will have to be attested by publications in the best journals in the field in order to join the research center CMAP in connection with the team "Probability and Financial Mathematics" (MathFi) and the team "Signal IMage Probability Numerical Statistical Learning" (SIMPAS), and within the framework of the Hi!PARIS Interdisciplinary Research Centre for Data Science and Artificial Intelligence.

The application must include a detailed scientific project highlighting the candidate's contributions in the required specialty as well as a plan of future research work, together with the potential links with CMAP research teams. Getting in touch with CMAP teams so to prepare the research project is strongly encouraged.

The teaching service foreseen for this position is largely dedicated to the start of the X-HEC MScT IA-Finance in September 2022, as well as to the different training cycles at the Ecole Polytechnique (Bachelor,

Polytechnique Engineer Cycle, Master or even MOOC and Executive Education). The ability 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 working environment, with a reduced teaching load and the support (scientific, financial and administrative) of the CMAP center, in view of the preparation of a habilitation to supervise research of excellent quality at international level.

For further information, please contact Nizar Touzi, Professor, (nizar.touzi@polytechnique.edu) and/or Anne de Bouard, part-time Associate Professor, (anne.debouard@polytechnique.edu).