

DOCTORAL POSITION at AMU (Marseille, France)



Digital insurance
and long term risk
Chaire d'Excellence



Research Environment: The I2M laboratory hosted at Aix-Marseille University invites applications for a Ph.D. position in the area of Statistics and Data Science applied to Epidemiology and Actuarial Sciences, to start end of summer 2023. The term of appointment is three years. Applicants should have completed (at least) their Master's Degree in Actuarial Sciences, Probability, Statistics or related disciplines before applying. We are seeking applicants with willingness to develop their skills in epidemiology.

Topic Description: Main topics related to the research project concern new developments for emerging risks, especially climate change and its consequences on health. More precisely, one of the potential questions of interest lies in understanding and modelling the impact of global warming over the increase of mortality and/or morbidity. Secondly, these developments will be used to define new risk management strategies that would enable to anticipate insurance losses related to these risks (liabilities management), for instance, linking actuarial and statistical models. The candidate will be mainly collaborating with Prof. Denys POMMERET and Dr. Xavier MILHAUD (Aix-Marseille University, Marseille) on a common project funded by the CNP Research Chair DIALog (Digital Insurance and Long term risks). Additional information about the project are available at <https://chaire-dialog.fr>

Additional Information: The candidate will prepare a doctoral degree with Aix-Marseille University (Marseille, France). She/he will also regularly interact with and visit CNP Assurances Research & Prospective Team. CNP Assurances is the biggest French life insurer, for further information see <https://www.cnp.fr/en/>

The salary will be at a competitive level, with additional funding for travels.

Applications must be submitted electronically through email before March 1, 2023 to contact@chaire-dialog.fr and consist of the following:

- A cover letter ;
- A curriculum vitae ; A list of publications if available ;
- Two contacts for recommendations.

Contacts :

Denys POMMERET
Professeur de Statistique
Institut Mathématiques de Marseille (I2M)
Aix-Marseille Université
3, Place Victor Hugo
13 331, Marseille – France
denys.pommeret@univ-amu.fr

Xavier MILHAUD
Maître de Conférences en Statistique
Institut Mathématiques de Marseille (I2M)
Aix-Marseille Université
3, Place Victor Hugo
13 331, Marseille - France
xavier.milhaud@univ-amu.fr