

**THELEM INSURANCE CHAIR**  
**Data Science and Insurance Fraud Detection**

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**CALL FOR  
APPLICATION  
RESEARCH PAPERS**

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**Deadline for submission:**

*September 30, 2022*

The Chair « Data Science and Insurance Fraud Detection » was created in 2021 thanks to the support of Thélem Assurances, a major French insurance company, in collaboration with the Laboratoire d'Économie d'Orléans, a leading research department specialized in econometrics and data science applications, and the Louis Bachelier Institute.

The objective of the Chair is to contribute to the development and dissemination in the academic and professional fields of recent advances in data science applied to the field of fraud detection in the insurance industry.

The Steering Committee of the Chair invites submissions of first class theoretical and/or empirical research papers. The call for applications relates to the general theme of **Insurance and Artificial Intelligence** and more specifically:

- Topic # 1** « Data Science for Insurance fraud detection »
- Topic # 2** « Interpretability of machine learning methods »
- Topic # 3** « Governance of AI algorithms in the insurance sector »
- Topic # 4** « Pricing in insurance and fairness »

A prize of **€10,000** will be awarded to each selected project. 40% of this amount will be paid in the weeks following the publication of the selected candidates.

## Application procedure and timeline

The applications must be sent no later than **September 30, 2022**. All submissions will be studied by the Steering Committee of the Chair and the list of selected applicants will be published by the end of October 2022.

To apply, please send the following documents:

- a detailed research project (2 to 5 pages)
- CV of the researchers involved in the project

by email to [chaire.thelem@univ-orleans.fr](mailto:chaire.thelem@univ-orleans.fr) (with the subject: Call for applications – Insurance fraud detection)

The documents, written in English will be sent in PDF format (not exceeding 2 MB).

The final version of the paper should be sent before October 31, 2023 to: [chaire.thelem@univ-orleans.fr](mailto:chaire.thelem@univ-orleans.fr). The remaining 60% of the prize will be paid after the acceptance of the final version.

The researcher will present his/her work during a conference organized by the Chair, which will take place in Orléans during the autumn of 2023 and to which international researchers and professionals will be invited.

**Administrative contact**  
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### About Thélem Assurances

[Thélem Assurances](#) is a French mutual insurance company, which manages more than 1 million contracts for 500,000 policyholders. It provides coverage for family (health, personal injury, savings), property (home, automobile) and liability (personal and professional). Its physical distribution network includes 285 agencies in 53 departments and 246 brokers.

### About the Laboratoire d'Économie d'Orléans

The [Laboratoire d'Économie d'Orléans](#) is a research department of the University of Orléans. It has about one hundred members, whose research covers three main areas of expertise: Macroeconomics and Finance, Econometrics and Machine learning, International Economics and Sustainable Development.

### About Louis Bachelier Institute

The [Institut Louis Bachelier](#) aims to promote sustainable development in Economics and Finance. It currently hosts more than 60 programs in four societal transitions: environmental, digital, demographic and financial. Its core objective is to promote the exchange of knowledge and to develop public-private-academic collaborations.