

PHD POSITION IN ECONOMICS

Position to be filled by September 2025.

Deadline for applications: 30/04/2025 (applications will be processed on a rolling basis as they are received).

The Centre for Research in Economics and Statistics (CREST, CNRS UMR 9194, Institut Polytechnique de Paris) is a leading scientific research institution in Paris, France, specialising in interdisciplinary quantitative methods and computational social sciences. For more information, please visit the [CREST website](#).

The position:

A 3-year, fully funded PhD position in Economics is available at CREST-ENSAI as part of [the ERC-STG \(101161432\) Grant SkiM2Lab, "Skills Markets: Marriage and Labor"](#).

The PhD student will be supervised by Marion Goussé and will be integral member of the CREST-ENSAI research team.

ENSAI is a leading French graduate engineering school of Data Science, and an associate member of the University of Rennes. **CREST** is a multidisciplinary research center for Statistics, Economics, Finance-Insurance and Sociology, located both at ENSAI and Palaiseau (ENSAE Paris and Ecole polytechnique). For more information, please visit the [ENSAI](#) and [CREST](#) websites.

The project:

This doctoral position explores the allocation of workers across jobs and geographic locations, with a focus on family constraints. The research aims to uncover the intricate interactions between the labor market and the marriage market by employing equilibrium matching models. In particular, we will model how individuals and jobs with multidimensional skill and task sets are distributed across various locations.

If you're excited by the intersection of economics, sociology, and geography, this project offers a unique opportunity to contribute to cutting-edge research! More information about the project can be found here

<https://sites.google.com/site/mariongousse/erc-skim2lab>

Your mission:

The successful applicant **will be part of a team** led by the principal investigator. There will also be postdoctoral researchers and other PhD students (4 in total will be funded by the ERC project).

The applicant will be allowed to follow her/his research interests emerging during the thesis period in the broader domain of Labor and/or Family Economics.

The applicant will participate in all aspects of the scientific activities related to the project, including the writing of articles to be submitted to the top journals with international collaborators, the possibility of **extended visits abroad (a long research stay in Uppsala, Sweden, may be proposed), participation in conferences**, etc.

This position will be based in Rennes (France). The successful applicant will join a dynamic environment of researchers and professors in Economics, Machine Learning and Statistics, with regular research seminars and teaching opportunities.

How to apply:

Interested applicants should submit:

- their curriculum vitae,
- transcripts of marks at undergraduate (Bachelor's) and postgraduate (Master's) level,
- contact details of two academic references,
- a motivation letter.

We offer:

- Contract type: Fixed-term contract (CDD IE) for 3 years.
- Working hours: full-time.

- Start date: September to November 2025 (can be adjusted to candidates' preferences).
- Workplace: most of the work is expected to be conducted either at ENSAI, Ker Lann Campus (Rennes Métropole). While remote work is feasible on selected days, face-to-face engagement will be prioritised whenever possible.

Contact: Please send your applications to erc.crest@ensae.fr, including supporting documents listed above.

All our positions are open to candidates with disabilities.