



Palaiseau, March, 2020

PhD SCHOLARSHIPS AT CREST

The Groupe des Ecoles Nationales d'Economie et Statistique (GENES) is offering PhD scholarships for its 3-years PhD program. They correspond to a gross monthly payment of 2075,70€ (including complementary activities (64 hours)).

Students will conduct their research within CREST (Center for Research in Economics and Statistics), under the supervision of an ENSAE (resp. ENSAI) professor for those applying in Paris (resp. in Rennes) and will be enrolled in our doctoral program

ENSAE-ENSAI students are particularly encouraged to apply.

All topics listed below in

- Economics
- Finance-Assurance
- Statistics
- Sociology

are eligible.

ECONOMICS : Labour Economics, Econometrics Theory, Economics of Education, Urban Economics, Economics of Development, Environment, Macroeconomics, Growth Theory, Economic Fluctuations, International Economics, Monetary Economics, Public Economics, Theories of Employment and Unemployment, Industrial Organization, Contract Theory, Game Theory, Corporate Finance, Regulatory Economics, Competition Policy, Innovation Theory, Economic Policy Analysis, Randomized Experiments.

FINANCE-INSURANCE : Financial Econometrics, Financial Time Series, Econometrics of Insurance, Risk and Portfolio Managements, Regulation, Ratings and Credit Scoring, Corporate Risk, Longevity Risk and Pension Funds, Market Finance, Financial Economics, Banking Theory, Role of Intermediaries, Microstructure, High Frequency Data, Dynamic Modeling, Systemic Risk, Speculative Bubbles, Scenario Generators, Monte-Carlo Methods, Analysis of Web Data, Web Insurance.

STATISTICS: High-Dimensional Statistics, Statistical Learning, Nonparametric Statistics, Bayesian Statistics and Simulation Methods, Compressed Sensing, Functional Data Analysis, Dimension Reduction, Statistical Inference for Stochastic Processes, Theoretical Econometrics.

SOCIOLOGY: Social mobility and Inequality; Demography, Gender and the Family; Consumption and Spending; Lifestyles and Cultural Practices; Environmental Attitudes and Actions; Social Networks; Economic Sociology; Migration and Immigration; Health Inequalities; Social Science Genomics; Political Practices; Computational Social Sciences.

The applications have to be submitted before :

MAY,15, 2020 *at* :

Mrs TRAORE Fanda e-mail : traore@ensae.fr Tel : 01.70.26.68.40

Mandatory documents are :

- the application form
- research project (2-5 pages)
- a cover letter
- a curriculum vitae
- the official transcripts of all higher education institutions from which you get a degree
- recommendation letters from professors, including a letter from the Ph.D. supervisor.

The selection among the applicants can include an interview.