

Postdoctoral fellowships at CREST-ENSAE, HEC and Ecole Polytechnique

Research group « New Challenges for New Data » of the Labex ECODEC (<http://www.labex-ecodec.fr/>)

The Labex ECODEC is a research consortium in Economics and Decision Sciences common to three leading French higher education institutions based in the larger Paris area: CREST-ENSAE, HEC Paris and Ecole Polytechnique.

The research group « New Challenges for New Data » can fund up to two postdoctoral fellowships (approximately 23.400€ net) for the academic year 2013-2014. These one year postdoctoral fellowships could, in certain cases, be extended to two years if relevant. Candidates should hold a PhD in September 2013.

Candidates doing the PhD under the supervision of one of the member of the research group, who will defend their PhD later in that academic year, can apply for the funding of their last year of PhD (approximately 16.236 € net, or in certain cases 19.422 € net with teaching).

Applications are accepted until **May 15 2013**, but screening of applications and decisions can be made earlier for very strong candidates who need an early decision. The application should be sent to applications@labex-ecodec.fr in pdf. The application package should include

1. a cover letter with names of potential collaborators among the group,
2. a research statement addressing why the achievements of the candidates are related to the research agenda of the group and, if possible a short research project,
3. a curriculum vitae (with the address of the candidate, phone and e-mail contact),
4. the PhD dissertation or papers/preprint,
5. reference letters, including one from the PhD advisor. A letter from a member of the research group with whom the candidate is willing to interact will be appreciated.

Selection will be based on excellence and a research project matching the group's research agenda.

For the group « New Challenges for New Data » of the Labex ECODEC,

Francis Bloch (Ecole Polytechnique, Co-PI), Eric Gautier (CREST-ENSAE, PI) and Johan Hombert (HEC, Co-PI)

Elements on the research agenda of the group « New Challenges for New Data » of the Labex ECODEC

- Development of new statistical tools and their theoretical properties: sparse high-dimensional models, Big Data, MCMC algorithms.
- Applications to the economics of network and social interactions.
- Application to marketing, consumption analysis and price indices.

List of the researchers of the group

BELZIL	Christian	ECOLE POLYTECHNIQUE	christian.belzil@polytechnique.edu
BLOCH	Francis	ECOLE POLYTECHNIQUE	francis.bloch@polytechnique.edu
BRUNEL	Victor-Emmanuel	CREST-ENSAE	victor.emmanuel.brunel@ensae.fr
CALVET	Laurent	HEC	calvet@hec.fr
CHOPIN	Nicolas	CREST-ENSAE	nicolas.chopin@ensae.fr
DALALYAN	Arnak	CREST-ENSAE	arnak.dalalyan@ensae.fr
D'HAULTFOEUILLE	Xavier	CREST-ENSAE	xavier.d'haultfoeuille@ensae.fr
EBBES	Peter	HEC	ebbes@hec.fr
GAUTIER	Eric	CREST-ENSAE	eric.gautier@ensae.fr
HOMBERT	Johan	HEC	hombert@hec.fr
HUANG	Bo	HEC	huang@hec.fr
KRAMARZ	Francis	CREST-ENSAE	francis.kramarz@ensae.fr
MEJEAN	Isabelle	ECOLE POLYTECHNIQUE	isabelle.mejean@polytechnique.edu
PATNAM	Manasa	CREST-ENSAE	manasa.patnam@ensae.fr
ROUSSEAU	Judith	CREST-ENSAE	judith.rousseau@ensae.fr
SOTGIU	Francesca	HEC	sotgiu@hec.fr
STROBL	Eric	ECOLE POLYTECHNIQUE	eric.strobl@polytechnique.edu
TSYBAKOV	Alexandre	CREST-ENSAE	alexandre.tsybakov@ensae.fr