FULL-TIME ACADEMIC POSITION IN MATHEMATICAL STATISTICS / PROBABILITY

FACULTY OF SCIENCES

Reference : 2019/A002
Application deadline: December 15th, 2018
Start date: 01/10/2019

Job description

Area of Research:

The hiring committee will consider applications in theoretical or mathematical statistics. Expertise in probability theory will be an asset.

Educational and scientific objectives:

Applicants should hold a PhD Degree (with doctoral thesis) in Sciences, more specifically in statistics, probability theory or in a neighbouring domain. They are expected to lead high quality teaching and research programs in theoretical or mathematical statistics and, ideally, to also show expertise in probability theory.

The Department of Mathematics has an exceptional track record in applying for funding from the ERC, the FNRS, European research frameworks and other regional funds. The successful candidate will be strongly encouraged to contribute to this. The ULB Research Department will provide full assistance with funding applications. There are also internal grants available to support the development of fully fledged research projects.

Teaching responsibilities will include courses in time series analysis and in probability, as well as the supervision of master and doctoral theses in statistics and probability. The teaching load will be reduced for the first three years. The teaching (both at the bachelor and master levels) associated with this position is determined by the *Collège d'enseignement* of the department of mathematics. Teaching duties may be reviewed periodically and are subject to modification over time (and may include, e.g., other courses from the master in statistics or courses of mathematics or statistics for students majoring in another science).

The candidate will also commit to some administrative tasks*.*

Courses covered at the time of recruitment:

The subjects to be taught mainly include courses in time series analysis at the master level and courses in probability theory at the bachelor level. Teaching responsibilities further include the supervision of master and doctoral theses in statistics. All courses can be taught in English during the first three years.

Qualifications required :

PhD Degree (with doctoral thesis) in Sciences, more specifically in statistics, probability theory or in a neighbouring domain.

Skills required

- Applicants should have at least 4 years of research experience at the time of their recruitment and show excellent scientific records.
- Exchange periods abroad (during or after their PhD) and a post-doctoral experience are pluses.
- Applicants who do not speak French (level C1) may be granted a period of adaptation, but they must be able to teach in French at the end of the third year following their appointment.

Interested ?

For more information, please contact Prof. Davy Paindaveine (telephone: +32 2 650.38.45 – E-mail: dpaindav@ulb.ac.be).

Applications must be sent by e-mail to the rectorate of the Université Libre de Bruxelles (recteur@ulb.be) and to the faculty deanship (annick.gerlache@ulb.be).

They must include the following :
- an application letter
- a Curriculum vitae including a list of publications (a template can be downloaded at http://www.ulb.ac.be/tools/CV-type.rtf)
- any relevant documents showing 4 years of research experience
- a 7,000-character report (4 pages) presenting the applicant's research activities and a research project, including how these will integrate into ULB's research teams
- a teaching dossier including a 7,000-character report (4 pages) on the applicant's previous teaching activities and a teaching project for the first five years in this position; these must be relevant to the faculty and to the teaching profiles for the programmes to which the applicant is to contribute
- a note on the applicant's international achievements and projects (no more than 4 pages)
- the names and e-mail addresses of five references (respecting the gender balance) who may be contacted by those in charge of evaluating applications. These referees should not have conflicts of interest because of family or emotional ties.

The appointment to the academic staff of ULB is made at "Premier Assistant" level, if the candidate has had a PhD for less than eight years (on 1 October of the year of appointment). If the candidate has had a PhD for eight or more years, on 1 October of the year of appointment, then the appointment is made at "Chargé de Cours" level. As of their appointment, members of academic staff are authorised to use the honorary title of "Professeur".

By sending in their application, applicants acknowledge they have read and understood the additional information and the regulations relevant to research staff, available at the following address http://www.ulb.ac.be/emploi/academique.html.