

Job Title: An academic position in Statistics of stochastic processes (1 EFT)

Req ID 4581 - Posted 02/10/2015 - Postes académiques - full time - Faculty of Science - Temporaire vers définitif (personnel académique)



<http://www.uclouvain.be/en-emploi-academiques.html>

Vacancy Reference : 4581 / SC 060 / 2016 (to be quoted in any correspondence)

The Université catholique de Louvain invites applications for a tenure track or tenured full time position in Statistics, biostatistics and actuarial sciences

The successful candidate will carry out theoretical and applied research at the Institute of Statistics, Biostatistics, and Actuarial sciences (ISBA) in the field of statistics of stochastic processes and in particular in the following areas:

- empirical processes
- stochastic calculus
- stochastic modelling of spatio-temporal phenomena
- analysis of functional data
- asymptotic statistics of stochastic processes
- statistical methods for continuous-time processes
- modelling of stochastic phenomena in high dimensions

He/she will have to demonstrate interest in applications, preferably in finance and actuarial sciences.

The successful candidate will have teaching assignments in the above-mentioned fields within the various degree programmes organised by the Faculty and the Louvain School of Statistics, Biostatistics, and Actuarial Sciences (LSBA), in particular the Master of statistics and the Master of actuarial sciences.

He/She will have teaching assignments in the above-mentioned field(s) within the various degree programmes organised by the Faculty of Science.

Starting date : 1st September, 2016

Further information :

Professor Enrico Vitale, dean SC – doyen-sc@uclouvain.be

Professor Philippe Chevalier, research director IMAQ – president-imaq@uclouvain.be

Localization : Science and Technology Sector

Faculty of Science (SC) (<http://www.uclouvain.be/en-sc.html>)

Institute for Multidisciplinary Research in Quantitative Modelling and Analysis (IMAQ) (<http://www.uclouvain.be/en-imaq.html>)

General conditions

Tasks : the applicant will:

- be responsible for teaching courses at all study levels (i.e. undergraduate and postgraduate), as well as in programmes of continuing education;
- supervise the final diploma research (i.e. theses) of undergraduate and graduate students, as well as PhD theses;
- be involved in (and/or supervise, promote) research programmes;
- contribute to the international visibility of the University through teaching and research excellence;
- contribute to activities of the University with a societal impact in the fields of the economy, socio-cultural changes or cooperation with developing countries.

Qualifications : the applicant must have

- a PhD degree in Sciences (statistics, actuarial sciences, probability or mathematics);
- a significant scientific record with international publications;
- either studied abroad for an extensive period or have had substantial experience outside the UCL;
- experience in and the aptitude for teaching at university level;
- the capacity to work within a team of teachers and to integrate research findings into teaching;
- creativity and must be open to teaching innovation and interdisciplinarity;
- the capacities required to undertake high-level academic research: capacity to raise research fundings, to supervise projects, to animate and lead a research team;
- good knowledge of both spoken and written French and English. If this is not the case, the applicant accept to learn French and/or English in order to be able to teach in French and English within 2 years. Fluency in other languages is an additional advantage.