



The Institute of Statistics, Biostatistics and Actuarial Sciences (ISBA) of the Université catholique de Louvain (UCL), Louvain-la-Neuve, Belgium, has a vacancy for a fulltime

PhD position

and a fulltime

postdoc position

Job description

Preference will be given to candidates with interest and experience in areas that are close to the research done at ISBA. This includes (among others) the following topics :

- The study of associations and dependencies in complex systems
- The study of different dynamics in complex systems
- Multivariate modeling and hierarchically structured data
- Dynamics of a stochastic system and the impact of non-observed characteristics
- Variable and model selection and the study of (ultra-)high dimensional data

The candidate will also be involved on a small scale into some teaching activities of the institute.

Job requirements

For the PhD position : master degree in statistics or a related discipline. The diploma must have been obtained with at least distinction or an equivalent grade.

For the postdoc position : PhD in statistics or a related discipline.

Good knowledge of written and spoken English is required. No proper knowledge of French is required.

Terms of employment

For the PhD position : a tax-free monthly grant of up to 4 years

For the postdoc position : a grant or contract of 1 year (possibly renewable under certain conditions)

Research environment

The Institute of Statistics, Biostatistics and Actuarial Sciences (ISBA, <http://www.uclouvain.be/isba>) is a renowned research centre of high international reputation which offers a very stimulating working environment. At the ISBA there are around 30 pre- and postdoctoral researchers working under the supervision of 10 full-time professors, in a variety of fields of methodological and applied statistics, including biostatistics and actuarial sciences. The Institute is partner of an international research network on ‘Developing crucial statistical methods for understanding major complex dynamic systems in natural, biomedical and social sciences’, financed by the Belgian government (Interuniversity Attraction Pole (IAP) network). The network includes seven Belgian and four European institutions. The available positions are financed by this network.

Information

For further information, please contact Prof. I. Van Keilegom (ingrid.vankeilegom@uclouvain.be). For administrative questions or for more information regarding the application procedure please contact Mrs. N. Guillaume (nancy.guillaume@uclouvain.be).

Application

Please send the following documents to Mrs. N. Guillaume (nancy.guillaume@uclouvain.be):

- a letter of motivation
- your curriculum vitae
- a list of passed courses and grades
- a list of publications
- copy of diplomas
- at least one reference letter to be sent by email directly by the referee

The closing date for application is **1 September 2014** (applications received after 1 September will be considered as they arrive, until the position is filled). Only duly completed applications can be taken into account.

Starting date

1 October 2014, or at a later date to be agreed by all parties.