FULL-TIME ACADEMIC POSITION

Field: Sciences
Discipline: Algebraic geometry

Faculty of Sciences

Department of Mathematics

Required Qualifications: PhD Degree (with doctoral thesis) in Science, or equivalent qualifications.

Required Skills:
- A minimum of 4-year scientific career at the time of hiring
- Postdoctoral experience and an excellent scientific record
- For non-French speaking natives, a learning period may be granted, but candidates must be capable of teaching in French (level C1 is required) at the end of the third year following their appointment.

Vacancy n° 15/A012
Applications must be received no later than February 15th, 2015.
Additional information at http://www.ulb.ac.be/vacances/academiques/index.html
1. **Description of Position**: We are seeking candidates performing research in Algebraic geometry. The successful candidate will perform high-quality research and will join one of the research units of the Department of Mathematics. His/her teaching duties will include a course in Algebraic geometry in the Master’s and part of the teaching in Algebra and geometry in the Bachelor’s. He/she will possibly be involved in general mathematics courses in the Bachelor’s program of other sections of the University. The teaching load will initially be less than or equal to 90 hours per year, and will progressively evolve to a load equivalent to that of other members of the Department. The successful candidate will participate in the administration of the Department.

The successful candidate will be invited to apply for a grant from the European Research Council (ERC) and for any sources of outside funding (FNRS, Europe, Regional funds, etc…) enabling them to develop their research. The ULB Research Department will assist with applications.

- **Description of Scientific and Pedagogical Objectives**: The successful candidate will perform high-quality research, take part in the teaching (Bachelor’s and Master’s) of the Faculty of Sciences, and supervise master and PhD student in Mathematics.

- **Field of Research**: Algebraic geometry

- The teaching duties at the time of hiring will include:
  - MATH-F-525 : Algebraic geometry (30h-Th), course of the Master’s in Mathematics
  - MATH-F-303 : Algèbre et Géométrie II (24h-Th, partim), mandatory course of the Bachelor’s in Mathematics.

2. Teaching duties may be reviewed periodically and are subject to modification over time.

3. For further information, please contact Ignace LORIS, Head of the Department (phone: 32 2 650 58 54 – fax: 32 2 650 58 67 – e-mail: igloris@ulb.ac.be).

4. The application file should also include the following (incomplete files will not be considered):
   - CV, including a list of publications (cf. template downloadable at [http://www.ulb.ac.be/tools/CV-type.rtf](http://www.ulb.ac.be/tools/CV-type.rtf))
   - a report of around 3500 signs on the candidate’s research activities and research project, indicating how the candidate would integrate into ULB research teams
   - a report of about 3500 signs on the candidate’s previous teaching activities and a project describing their teaching mission during the 5 years following their appointment, that integrates, in a coherent manner, into the vision of the unit in which the candidate will be working and the educational profiles of the programmes on which the candidate will be teaching.
   - a note on international projects and achievements
   - the names of 5 referees who have no conflict of interest

Candidates applying for several vacancies are required to send a separate file for each one.

5. Please send a paper version of your application (including your curriculum vitae) to the “Recteur de l’Université libre de Bruxelles, avenue F. Roosevelt, 50 – CP 130 – 1050 Bruxelles (Belgium)” and send an electronic version to the Dean of the Faculty at the following address: annick.gerlache@ulb.ac.be, and to Ignace LORIS, Head of the Department (phone: 32 2 650 58 54 – fax: 32 2 650 58 67 – e-mail: igloris@ulb.ac.be).

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7. Vacancy published online on: 18/11/2014
   Starting date: 01/10/2015.

8. Internal administrative data:
   - Vacancy number: 15/A012
   - University payroll position: 14-B-CCO-133 (F) (1.00 ETP)
   - Administrative Board reference: COA 17.11.2014 pt III.02