FULL-TIME ACADEMIC POSITION IN ALGEBRA

FACULTY OF SCIENCES

Reference : 2018/A003
Application deadline : January 25th 2018
Start date: 01/10/2018

Job description

Area of Research: Algebraic Geometry or related fields.

The hiring committee will consider applications from all subfields of Algebraic Geometry as well as neighbouring domains.

Educational and scientific goals:

The ULB has excellent algebra and geometry groups, but algebraic geometry itself is poorly represented. The department is seeking to hire an outstanding candidate to develop this area and to forge connections with existing research teams.

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.

The successful candidate will be invited to play a role in the organisation of the department of mathematics. Their teaching load will be at most 90 hours per year for the first three years, before rising to the same level as their colleagues (currently between 100 and 120 hours per year). The teaching (courses, seminars and exercise classes, both at the bachelor and master levels) associated with this position is determined by the Collège d’enseignement of the department of mathematics.

Courses covered at the time of recruitment:

The subjects to be taught include Algebra and Geometry in the Bachelor program, Algebraic Geometry in the Master’s program and courses of mathematics for students majoring in another science. All courses can be taught in English during the first two years.

The selection committee welcomes applicants showing an interest in the AESS (Agrégation de l’Enseignement Secondaire Supérieur).
Teaching duties may be reviewed periodically and are subject to modification over time.

**Qualifications required:**

PhD Degree (with doctoral thesis) in Sciences, or equivalent qualifications.

**Skills required**

- Applicants should have at least 4 years of research experience at the time of their recruitment (including their PhD thesis).
- Post-doctoral experience and an excellent scientific record.
- Exchange periods outside of the applicants’ home institution (during or after their PhD) will be taken into consideration when evaluating applications.
- 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 Dimitri Leemans (telephone: +32 2 650.58.60 – E-mail: Dimitri.Leemans@ulb.ac.be).

Applications must be sent by e-mail to the rectorate of the Université Libre de Bruxelles (recteur@ulb.ac.be) and to the faculty deanship (annick.gerlache@ulb.ac.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 maximum 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 programs 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 (with equal gender representation) who may be contacted by those in charge of evaluating applications. These references should not have any conflicts of interest.

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.
n° de vacance : 2018/A003
Domaine : Sciences
Discipline : Mathematics
Poste(s) au cadre : B-CCO-133 (F) (1.00 ETP) – SAP 45662801
Références CoA : 23/10/2017 pt. III.03
Rattachement Enseignement : Service Enseignement Mathématiques - Présidence (FS010)
Rattachement Recherche : Service Algèbre et Combinatoire (FC050)

**EURAXESS SPECIFIC INFORMATION**

Main Research Field : Mathematics (27)
Sub Research Field : Algebra (27.1)

Required educational level: Phd Degree in Mathematics (27)

Required Languages :
Français : basic
English : good

Type of contract : temporary
Hours per week : 38

Required Research Experiences : Mathematics : 4
Researcher profile : Early stage researcher (0-4 years)
Experienced researcher - R3 (4 – 10 years)

Additional requirements : The successful candidate will carry out research activities in Algebraic Geometry or neighbouring domains