

Subject to the approval by the academic board of 26 october 2020

FULL-TIME ACADEMIC POSITION IN MATHEMATICS

FACULTY OF SCIENCE

Reference : 2021/A010

Application deadline: 2020 December 1st

Start date: 01/10/2021

Job description

The Université Libre de Bruxelles is opening a tenure position in mathematics. The main duties are research and teaching.

Area of Research : Differential geometry (or a closely related field)

Educational and scientific goals :

The ULB has an excellent differential geometry group (<https://geometry.ulb.ac.be>). The department is seeking to hire an outstanding candidate to develop further 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 calculus and geometry in the Bachelor program, Differential 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.

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

Qualifications required :

PhD Degree (with doctoral thesis) in Mathematics or in a closely related subject, or equivalent qualifications.

Skills required

- Applicants should have at least 4 years of research experience (including PhD) at the time of their recruitment.
- Applicants should have a track record of excellent research, relative to their stage of career. Career breaks will be taken into account.
- Applicants should have experience of and enthusiasm for teaching mathematics at university level.
- International mobility and experience of working in different research groups is a plus.
- Applicants who do not speak French (level B2, cf. Common European Framework of Reference for Languages) may be granted a transition period, but they must be able to teach in French at the end of the second year following their appointment.

Interested ?

For more information, please contact Prof. Bertelson (telephone: +32 2 650 5828 – E-mail: Melanie.Bertelson@ulb.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 (Aff.acad.sciences@ulb.be).

They must include the following items:

- an application letter
- a Curriculum vitae including a list of publications :
you can complete a standard form via our website at <https://www.ulb.be/fr/documents-officiels/completer-votre-cv-en-ligne>. Once completed, it must be downloaded and attached to the application file.
- 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 referees (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 academic staff, available at the following address <http://www.ulb.ac.be/emploi/academique.html>.