ULB UNIVERSITÉ LIBRE DE BRUXELLES

science4refugees

HR EXCELLENCE IN RESEARCH

SUBJECT TO THE APPROVAL BY THE ACADEMIC BOARD OF NOVEMBER 23TH, 2026

FULL-TIME ACADEMIC POSITION IN DEEP LEARNING, FOUNDATION MODELS AND KNOWLEDGE REPRESENTATION

FACULTY OF SCIENCES

Reference : 2027/A021
Application deadline: 15/01/2027 12:00 PM
Start date: 01/10/2027

Job description

The Computer Science department of the Faculty of Sciences at the Université Libre de Bruxelles (ULB) invites applications for a full-time academic position in artificial intelligence and machine learning, with a focus on topics related to deep learning, representation learning, knowledge representation, foundation models, world models and/or reasoning systems. The successful candidate will contribute to teaching, research, curriculum development, and academic leadership in a rapidly evolving field that is reshaping computer science and related disciplines. The position starts October 1, 2027.

The position involves teaching (at the bachelor and master level), research, and administrative tasks. The ideal candidate has the capacity to teach courses ranging from classic Computer Science in the bachelor to those explaining advanced topics related to deep learning, representation learning, knowledge representation, foundation models, world models and/or AI reasoning in the masters.

The ULB computer science department is involved in different teaching programs in the university, both in Brussels and Charleroi. While the bachelor courses are taught in French, the master programs are all in English. Applicants who do not speak French will 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.

ULB is strongly committed to improving gender equality. To combat the under-representation of women in STEM disciplines, the University ensures that a minimum of 30% of women with the required qualifications are on the shortlist and, for equal competence, the appointment of a woman

Area of Research: Topics related to deep learning, representation learning, knowledge representation, foundation models, world models and/or advanced reasoning systems

Qualifications required

PhD degree in computer science, AI, machine learning or equivalent area.

Skills required

- A strong publication and research record, appropriate to the career stage.
- Candidates should have the background to teach computer science courses at both the bachelor and the master level.

- Post-doctoral and teaching experience will be appreciated.
- Research experience within industry is also recognised.
- Prior expertise in PhD and Master student supervision, attracting research funding, managing and leading a research group are all considered assets.
- Exchange periods of any duration outside of the applicant's home institution (during or after their PhD) will be taken into consideration when evaluating applications.
- Applicants who do not speak French 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.
- Good English language skills are also recognised as an asset for teaching in the Master program.

Interested ?

For more information, please contact Mr. Gwenaël Joret (E-mail Gwenael.Joret@ulb.be), Head of the Computer Science Department.

Your application will consist of a Curriculum Vitae *(if you wish, a standard CV can be downloaded from the website: https:* //www.ulb.be/fr/documents-officiels/emplois-academiques-et-scientifiques-cv-type) and a document completed using the template available at this URL address https://www.ulb.be/fr/documents-officiels/1e-applic-form-acad-tps-plein-docx.

This template structures your application by including the following elements:

- an application letter (with the possibility of mentioning maternity leaves to be taken into account)
- a report (maximum 6 pages) presenting the applicant's research activities and a research project, including how these will develop into an activity at ULB. Include a section highlighting what you consider to be your best achievements.
- a teaching dossier including a report (maximum 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 statement about diversity and inclusion (past experiences or ideas for future initiatives),
- 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.

Incomplete applications or applications that do not use the template provided will not be examined by the selection committee.

The appointment to the academic staff of ULB is made at "Chargé de Cours" level. As of their appointment, members of academic staff are authorised to use the honorary title of "Professeur".

The following web pages can also be consulted for further information:

- https://sciences.ulb.be/en/computer-sciences (Computer Science Department)
- http://mlg.ulb.ac.be (the ULB Machine Learning Group)

Where to go to apply?

Click here: https://jobs.ulb.be/job-invite/2101/?isInternalUser=true

For any connection problems or questions about our application, consult our FAQ : e-recrut-mode-d-emploi-candidat-en-_1734942996246-pdf

N.B.: SAP complies with European and U.S. regulations and, as a result, does not allow access to its application from the following countries/regions: Crimea, Sevastopol, the Donetsk People's Republic (DNR) / Luhansk People's Republic (LNR), areas not controlled by the Ukrainian government in the Kherson and Zaporizhzhia regions, Cuba, Iran, North Korea, Syria, Russia, and Belarus.

Therefore, candidates applying from these countries – and only from these countries – can submit their CV and application to this address: rectrice@ulb.be

Equal opportunities policy

ULB's personnel management policy is geared towards diversity and equal opportunities.

We recruit candidates on the basis of their skills, irrespective of age, gender, sexual orientation, origin, nationality, beliefs, disability, etc.

Would you like to be provided with reasonable accommodation in the selection procedure because of a disability, disorder, or illness? Please contact Marie Botty, the person in charge of diversity aspects for the academic and scientific staff (marie.botty@ulb.be). Be assured of the confidentiality of this information.

More details on the ULB gender and diversity policy are available at Diversity at ULB - ULB.

You will find all the regulations relating to academic careers on our site at http://www.ulb.ac.be/emploi/academique.html.