

FULL-TIME RESEARCH AND TEACHING ASSISTANT POSITION

IN CONTROL ENGINEERING

SCHOOL OF ENGINEERING

Reference : 2026/S137

Application deadline: 26/05/2026 12:00 PM

Start date : 01/10/2026

Job Description

The Department of Control Engineering and System Analysis (Service d'Automatique et d'Analyse des Systèmes or SAAS) at the Université libre de Bruxelles (ULB), within the École polytechnique de Bruxelles, invites applications for a **full-time PhD position**.

The position is offered as an **initial two-year full-time contract**, renewable twice, for a **maximum duration of six years**. The successful candidate will dedicate his/her time **equally between research activities and teaching assistance**.

Applicants may choose a PhD topic aligned with one of the research domains currently developed within the SAAS team, including:

- Robotics for **precision agriculture**
- **Motion planning and control** of mobile robots in crowded environments and assistive robotics
- **Marine drones** for patrolling and monitoring applications
- **Battery systems and energy management**
- **Control of constrained dynamical systems**
- Robotics for **construction and infrastructure applications**

The selected candidate is expected to **complete the PhD within a maximum period of six years**.

From the teaching point of view, the job mainly consists in preparing and supervising student projects and exercise/lab sessions for the following courses:

- MATH-H3001 : Signaux et Systèmes (30h-30h-0)
- MATH-H304 : Automatique (30h-0-30h)
- MATHH407 : Control System Design (24h-12h-24h)
- PROJH201: Projet multidisciplinaire 2 (Charleroi) (72h)

Required title

The applicant must hold a master degree in 120 credits in engineering sciences (ingénieur civil) and he/she must fulfill the rules for access to the PhD.

Skills required

The applicant will have both excellent teaching skills and an excellent mastery of dynamic system theory and control engineering. They should work with autonomy and rigor. They should be ready to collaborate within the team of the SAAS department, and to take part in collaborations at the national and international level so that they can contribute effectively to the research works.

They should have a level of proficiency in French and English corresponding to the level C1 at least.

Courses covered

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Interested ?

For more information, please contact Mr Emanuele GARONE or Mr. Paolo FALCONE (telephone: +32 2650 26 86 or +32 2650 26 77 – E-mail: egarone@ulb.be, paolo.falcone@ulb.be).

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/4e-applic-form-assistant-docx>.

This template structures your application by including the following elements:

- an application letter
- a note on the applicant's PhD research project (4 pages)
- two letters of reference

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

Where to go to apply?

Click here: <https://jobs.ulb.be/job-invite/1989/?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 <https://www.ulb.be/en/about-ulb/gender-equality-at-ulb>.

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