

FULL-TIME RESEARCH AND TEACHING ASSISTANT POSITION

IN APPLIED MATHEMATICS/CONTROL ENGINEERING/QUANTUM INFORMATION

ECOLE POLYTECHNIQUE DE BRUXELLES

Reference : 2025/S120

Application deadline: 28/04/2025

Start date : 01/10/2025

Job Description

This is a two year full-time contract that can be renewed twice to reach a six year period. The job has a research facet and a teaching facet. Each facet approximately corresponds to a half-time.

From the research point of view, the applicant will preferably work along one of the research directions of the SAAS or QuIC teams.

The applicant should aim at completing a PhD in 6 years maximum.

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

MATH-H3001 : Signaux et Systèmes (30-30-0)

MATH-H302 : Introduction à l'analyse complexe et au calcul numérique (partim 12-12-0)

MATH-H2000 : Analyse II (partim 24-24-0)

Required title

The applicant must hold a master degree in 120 credits in engineering sciences 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 mathematics (analysis, complex analysis, integral transforms) and of dynamic system theory. They should work with autonomy and rigor. They should be ready to collaborate within the teams of the QuIC and SAAS departments, 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

MATH-H3001 : Signaux et Systèmes (30-30-0)

MATH-H302 : Introduction à l'analyse complexe et au calcul numérique (partim 12-12-0)

MATHH2000 : Analyse II (partim 24-24-0)

Interested ?

For more information, please contact Mr. Michel Kinnaert (telephone: +32 2 650.22.87 – E-mail: michel.kinnaert@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/1600/?isInternalUser=true>

For any connection problems or questions about our application, consult our FAQ : [e-recrut-mode-d-emploi-candidat-en- 1734942996246-pdf](#)

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>.