

## FULL-TIME ACADEMIC POSITION

### SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

## FIELD: SECURITY AND DEPENDABILITY OF DIGITAL INFRASTRUCTURES

START DATE: 01/09/2026

*The University of Liège is the largest French-speaking public university in Belgium. It employs more than 5,700 staff members across four campuses, including 3,600 active teachers and researchers in all fields of the human and social sciences, science and technology, and health sciences. It hosts nearly 27,000 students of 123 different nationalities in one of the most multicultural and dynamic cities in Europe, less than an hour from Brussels and Cologne, two hours from Paris, and three hours from London and Amsterdam.*

*Actively involved in the social and environmental transition, ULiège supports students to fulfil their roles as responsible citizens (training in sustainable development, Green Office, etc.) and promotes ethical, multidisciplinary and open research. ULiège is committed to the region in which it operates and contributes towards local socio-economic development. It has developed numerous partnerships, notably with the university hospital. International and united, it participates in the [European University of Post-Industrial Cities](#), [UNIC](#) initiative and has one of the most extensive collaborative networks in the world.*

*ULiège offers attractive career prospects [in a high-quality working environment](#), promoting well-being, diversity and equality of opportunity. Since 2011, ULiège has been proud to display the European [Human resources strategy for researchers](#) (HRS4R) label, which reflects its commitment to open, transparent and merit-based procedures. In addition, it recognises the quality and diversity of research in line with the recommendations of the [Coalition for Advancing Research Assessment](#) (CoARA). ULiège encourages its academic staff to travel internationally and welcomes international researchers through its EURAXESS centre.*

### JOB DESCRIPTION

**A full-time academic position**, indivisible, in the field of « Security and Dependability of Digital Infrastructures » within the Electrical Engineering and Computer Science (EECS) Department of the School of Engineering and Computer Science. This position includes teaching, research activities and services to the community.

### TEACHING ACTIVITIES

The successful candidate (M/F/X) will teach courses in the field of IT infrastructure security and reliability and, more generally, will participate in teaching activities organized by the Department.

He/She/X is expected to teach courses in the “Computer System Security” professional focus offered in both the master’s degree in Computer science and Computer Science and the master’s degree in Computer Science and Engineering, more specifically in the following courses:

- ▶ INFO8011 : Network Infrastructures (5 ECTS)
- ▶ INFO0056 : Securing Networks (5 ECTS)
- ▶ INFO8013 : Advanced Computer Security (5 ECTS)

He/She/X will also participate in supervising the integrated project (PROJ0010, 10 ECTS) and in teaching computer science courses at the undergraduate level (bachelor's degree). He/She/X may also propose to develop courses based on their specific expertise and research.

He/She/X will also participate in supervising internships and final projects in their field of research.

The teaching load will not exceed 250 hours per year (including any practical work and seminars under the responsibility of the teacher).

## RESEARCH ACTIVITIES

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The successful candidate (M/F/X) will conduct research in the field of IT infrastructure security and reliability. This research will aim to design techniques to automatically identify sensitive operations in IT infrastructures before they are deployed. Methods and tools will be developed to detect failures by quickly and automatically tracing them back to the triggering element and by taking corrective measures --- if possible in an unsupervised way ---, in such a way that the operational continuity of the IT infrastructure is guaranteed. Given the real-time nature of these large complex infrastructures, machine learning techniques can complement more deterministic algorithms to guarantee a reliable operation of the system. The successful candidate will have the opportunity to participate through their research activity in the development of the « Industry 4.0 » program at the regional level, aiming at implementing the digitization of industrial activities and developing the Redu Cyber Valley.

## SERVICES TO THE COMMUNITY

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The successful candidate (M/F/X) will participate in service activities developed within the School of Engineering and Computer Science. He/She/X will be required to:

- ▶ Ensure that their work is promoted within research networks, companies, public institutions, and various organizations active in their field of expertise.
- ▶ Contribute to the smooth running of the Department, the School of Engineering and Computer Science, and the University of Liège through its various bodies.

## QUALIFICATIONS REQUIRED / PROFILE

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- ▶ Have a PhD in engineering sciences and technology, a PhD in computer science, or equivalent;
- ▶ Have international research experience and publications in reputable international journals and conferences;
- ▶ Be able to teach in English. The ability to teach in French will be an asset.

## SELECTION PROCEDURE

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Candidates will be shortlisted on the basis of their applications by a selection committee set up by the School of Engineering and Computer Science. Successful candidates will then be invited to an audition, which will include a sample lesson, a presentation of their research project and a general discussion with the selection committee.

In line with the University of Liège's institutional policy of diversity and equal opportunity, applicants are selected on the basis of their qualities, regardless of age, sexual orientation, origin, beliefs, disability or nationality.

## APPLICATIONS

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Applications should be made using the online form available on the following website: [https://my.uliege.be/portail/go\\_xt.do?a=o%7C11004%7Ce%7C640630](https://my.uliege.be/portail/go_xt.do?a=o%7C11004%7Ce%7C640630). To be eligible, applications must be submitted **no later than 15 february 2026 (before midnight Belgian time)**.

## DOCUMENTS REQUIRED

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- ▶ Cover letter.
- ▶ Curriculum vitae.
- ▶ Copies of diplomas and certificates.
- ▶ A report on previous and current research activities, including a list of the five main publications and a description of their contribution to the state of the art.
- ▶ A research project outlining the activities that the candidate wishes to develop, including their planned integration within the University of Liège, the School of Engineering and Computer Science, and the Department of Electrical Engineering and Computer Science.

- ▶ A teaching dossier including a report on any previous teaching activities and a teaching plan describing the candidate's views on teaching methods and topics related to the position.
- ▶ The names and contact details of three international experts from whom the selection committee can obtain recommendations.

These documents must be uploaded in PDF format to the online application platform (see link in the "APPLICATIONS" section).

## CONDITIONS OF EMPLOYMENT

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The position is awarded either for a fixed term of four years, or, in certain exceptional circumstances, immediately on a permanent basis.

If a fixed term contract is awarded, an evaluation will be carried out at the end of the third year.

- ▶ If the evaluation is negative, the person's appointment will end after the fourth year.
- ▶ If the evaluation is positive, the person will be appointed permanently.

## INFORMATION

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A detailed description of the academic position and work environment is available [on the faculty website](#)

Any information concerning academic activities can be obtained from the Professor **Philippe VANDERBEMDEN** – tel.: +32 (0)4 366 26 70 – [Philippe.Vanderbemden@uliege.be](mailto:Philippe.Vanderbemden@uliege.be)

Additional information may be obtained from: **Ms Aurélie LECCA**, Administrative Director of the School of Engineering and Computer Science – tel.: +32 (0)4 366 94 68 – [Aurelie.Lecca@uliege.be](mailto:Aurelie.Lecca@uliege.be)

## REMUNERATION

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Basic appointments are made at the grade of lecturer.

The **gross** monthly salary at the start of the scale (**on a full-time basis**) is currently €5,992.58, to which is added an end of year allowance (in December) and a holiday allowance (in June).

In exception circumstances, the Faculty may submit a substantiated application to obtain a higher grade in the salary scale (length-of-service bonus).

The career of full-time teaching staff includes the grades of lecturer, professor, and full professor. Career development (after the recruitment grade) is possible through the promotions' procedure, the terms and conditions of which are defined by the Board of Directors.

Please contact the Human Resources department for further information on careers, salary scales, and the terms and conditions of their application: **Ms Valérie MELOTTE** – [Val.melotte@uliege.be](mailto:Val.melotte@uliege.be)

## BENEFITS

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- ▶ "Statutory" position which can lead to a public sector pension if the appointment is permanent.
- ▶ Financial contribution to private relocation expenses.
- ▶ Possibility of assistance with access to the labour market for partners.
- ▶ University of Liège professional relocation allowance of €2,500 for a full-time position.
- ▶ Start-up budget for research activities of €15k.
- ▶ Integration within the EECS Department, benefiting from the corresponding local services.
- ▶ Initial and ongoing teaching training provided by the Institut de Formation et de Recherche en Enseignement (IFRES).
- ▶ Wide range of training courses available.
- ▶ Welcome seminar and introduction to the bodies and operations of the Université of Liège (two-and-a-half days in September).
- ▶ Meal vouchers with a face value of €5 per working day.
- ▶ Full refund of public transport costs between the home and the workplace.
- ▶ Flat-rate payment for travel by bicycle.

- ▶ Call for proposals for the allocation of teaching and research credits.
- ▶ Help with setting up research projects.
- ▶ Preferential rate for registration for a ULiège course, also applicable to children.
- ▶ Possibility of preferential conditions for taking out private insurance.
- ▶ Preferential rates and reductions in a wide range of fields - shops, leisure, culture, training, sport, etc. (Benefits at Work).

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