Professor

Ecole/Institution/Société:
University of Luxembourg, **Luxembourg / Luxembourg**

Discipline:
Systems Engineering

Type d'emploi::
Full-time

Date de publication:
2025-02-23

Personne à contacter:
If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Professor in Cloud Systems Engineering

About us...

The University of Luxembourg is an international research university with a distinctly multilingual and interdisciplinary character.

The Interdisciplinary Centre for Security, Reliability and Trust (SnT) at the University of Luxembourg is a leading international research and innovation centre in secure, reliable and trustworthy ICT systems and services.

We play an instrumental role in Europe by fueling innovation through research partnerships with industry, boosting R&D investments leading to economic growth, and attracting highly qualified talent. We look for researchers from diverse academic backgrounds to contribute to our projects in areas such as: Network Security, Information Assurance, Model-driven Security, Cloud Computing, Cryptography, Satellite Systems, Vehicular Networks, and ICT Services & Applications.

The Centre is rapidly expanding its research activities and is seeking highly motivated doctoral candidates who wish to pursue research in close cooperation with our partners.

About the role...

The successful candidate will conduct research, education, and technology transfer in the area of the Cloud Systems Engineering. The candidate is an internationally recognized scientist in the field with a strong track record of internationally competitive research in relation to the candidate's career

stage. The candidate will build/lead a research team at SnT. At SnT, the position holder shall conduct top research in close collaboration with industry/government partners and engage in a number of European and international projects.

The mission is (but not limited) to:

Build and lead a Cloud Systems Engineering group at SnT, University of Luxembourg

Lead and develop excellent research and technology transfer creating impact at national and international levels

Undertake and publish high-quality research cognizant of relevant metrics for international reputation and scholarly merit

Establish systematic and structured approach to knowledge transfer through collaborative research with private and public sector actors

Acquire competitive research funding through national and international funding bodies

Take responsibility for all aspects of the research strategy, operations and management

Contact: Prof. Dr. Yves LE TRAON, Telephone: (+352) 46 66 44 5262, Email:

Your profile...

PhD in Computer Science or Engineering

Documented research expertise in various fields related to Cloud Systems Engineering, including (but not limited to)

Scalable, secure, and fault-tolerant cloud systems

Distributed/parallel systems and algorithms

Cloud, multi- and hybrid-cloud environments

Distributed architectures

Digital and/or AI/ML sovereignty

Public cloud and digital embassies

Software engineering of cloud systems and applications

Additional proven expertise in AI/ML and cybersecurity linked to disconnected and distributed cloud architectures is a plus

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Research experience around innovations in Cybersecurity are considered an asset

Experience in leading research including successful research project acquisition from diverse and competitive sources

Excellent publication record in top-tier journals and conferences

Proficient in English is required. Knowledge of either French or German is considered an asset. The University of Luxembourg is set in a multilingual context. The University encourages its staff to learn the other language and provides access to language courses to this end

In return you will get...

Multilingual and international character. Modern institution with a personal atmosphere. Staff coming from 90 countries. Member of the "University of the Greater Region" (UniGR)

A modern and dynamic university. High-quality equipment. Close ties to the business world and to the Luxembourg labour market. A unique urban site with excellent infrastructure

A partner for society and industry. Cooperation with European institutions, innovative companies, the Financial Centre and with numerous non-academic partners such as ministries, local governments, associations, NGOs ...

How to apply...

Applications should include:

Cover letter

Detailed CV

Record of research work, record of teaching experience, including but not limited to:

Complete list of publications

List and short description of main research projects acquired over the past 5 (five) years

List of supervised doctoral theses

List of teaching activities over the past 5 (five) years

Statement of research, teaching and other activities (i.e. Knowledge activities, IP assets, patents, startups, artifacts) planned at Unilu

Names of at least 4 referees who can, upon request, provide an assessment on the application, and the relationship to them

Early application is highly encouraged, as the applications will be processed upon reception. To ensure full consideration, candidates should apply by 01/03/2025 ONLINE formally through the HR

system. Applications by Email will not be considered.

All qualified individuals are encouraged to apply. In line with our values, the University of Luxembourg promotes an inclusive culture. We encourage applications from individuals of all backgrounds and are dedicated to upholding equality and respect for our employees and students.

Gender equality:

The University of Luxembourg is committed to achieving gender parity among its academic staff and aims to eliminate obstacles to recruitment of female professors and their career development. Should candidates present equivalent CVs, preference will be given to female candidates in all departments where gender parity is not yet achieved.

The University of Luxembourg embraces inclusion and diversity as key values. We are fully committed to removing any discriminatory barrier related to gender, and not only, in recruitment and career progression of our staff.

General information:

Contract Type: Academic - Permanent

Work Hours: Full Time 40.0 Hours per Week

Location: Kirchberg Campus

Internal Title: Full professor or Chief scientist

Job Reference: UOL07027 / F1-00000883

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