

Professor

Ecole/Institution/Société:

University of Basel, Switzerland / Basel

Discipline:

Cyber Security

Type d'emploi::

Full-time

Date de publication:

2021-10-16

Personne à contacter:

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

Professorship In Cyber Security

JOB DESCRIPTION

The University of Basel invites applications for a professorship in Cyber Security (open-rank). The professorship will be part of the Computer Science section of the Department of Mathematics and Computer Science which encompasses the specializations Machine Intelligence and Distributed Systems. The professorship will strengthen the intersection between the two specializations and reach out to research groups in other Faculties eg regarding blockchain and smart contracts or protecting data in personalized healthcare.

The successful candidate will enhance the research portfolio of the Department of Mathematics and Computer Science and contribute to teaching at the undergraduate and graduate level. Interdisciplinary research collaboration with other departments and affiliated institutions of the Faculty of Science and other Faculties of the University of Basel is expected.

We are seeking candidates with an outstanding research record in one or more of the following areas: information security with emphasis on vulnerability detection, provable system and data security, reliable systems, data privacy and privacy-enhancing technologies, trustworthy computing, cyber forensics, cryptographic protocols and AI-based cyber-attack detection.

In addition to a strong research profile, practical experience with digital critical infrastructures, secure cloud computing and privacy by design will be appreciated. A strong commitment to excellence in undergraduate and graduate teaching is essential.

The Department of Mathematics and Computer Science provides excellent research and teaching conditions and a stimulating academic environment. It maintains a wide range of collaborations with other departments of the Faculty of Science and affiliated research institutions, other Faculties, as well as other universities.

The University of Basel is an equal opportunity and family friendly employer committed to excellence through diversity.

Application / Contact

Applications, including a curriculum vitae, list of publications indicating the five most significant papers, Researcher-ID or ORCID, a research statement, a teaching statement, and names of five

potential referees should be submitted online (as one single.pdf file) addressed is Prof. Dr. Marcel Mayor, Dean of the Faculty of Science. For further information contact Prof. Dr. Christian Tschudin (christian.tschudin@unibas.ch), vice-chairman of the Dept of Mathematics and Computer Science.

JOB DETAILS

Title Professorship in Cyber Security

Employer University of Basel

Job location Petersplatz 1, CH-4003 Basel

Job types Professor

Fields Informatics, Cyber Security, Computational Sciences

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