AKATECH

Associate Professor

Ecole/Institution/Société:
MALMÖ UNIVERSITY, **Sweden / Malmo**

Discipline:
Safety Engineering

Type d'emploi::
Full-time

Date de publication:
2022-04-27

Personne à contacter:
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Associate Senior Lecturer in Computer Science: Information Security

About Malmö University

Malmö University is an innovative, urban and international institute of higher education, located in the centre of Malmö. We have around 1,800 employees and 24,000 students. Our research and education are characterised by the role we believe a university should play in an open society — to contribute to sustainability and equality in a scientifically grounded way with external partners and stakeholders. Identifying and addressing the challenges of the future are of highest priority.

Our researchers and students work collaboratively to create, share and spread knowledge in order to understand, explain and develop society — both locally and globally.

Faculty

The Faculty of Technology and Society conducts education and research focusing on technology and natural sciences at two departments: Computer Science and Media Technology and Materials Science and Applied Mathematics. The faculty collaborates with companies and other organisations in order to raise the level of competence, create new products, develop activities and offer students an early connection to their future working life. Our research collaborations and staff from many different countries give our activities an international profile.

Department

The Department of Computer Science and Media Technology offers research-linked education at first-cycle, second-cycle and doctoral levels. The department conducts research in computer science, information systems, software engineering and media technology. We are interested in research and education areas such as artificial intelligence, digital media, e-health, internet of things and game development.

Department of Computer Science and Media Technology

Work duties

The purpose of a fixed-term employment as an Associate Senior Lecturer is to provide an opportunity to develop oneself both scientifically and pedagogically in the relevant field in order to meet the requirements for eligibility for a position as Senior Lecturer. This career-development position shall

initially allow scope for research, but shall also contain opportunities to develop one's teaching skills. University teaching training shall be included in the scope of the appointment.

- The position includes teaching and research in computer science and particularly connected to the field of cyber security, privacy and trust. Teaching, including assessments, on Bachelor programs and Master programs is expected, as is supervision of Bachelor and Master level students.
- Course development activities may apply.
- Preparation, teaching, and supporting students in project work and computer labs is required. Refer to the information security course DA222E for related details.
- Teaching and assessment will be in English
- Research within computer science and information systems with focus on cyber security, privacy, and trust for IoT systems. The applicant will conduct and develop research by actively participating in the department's research activities, applying for external research grants and develop national and international collaborations

Qualifications

A person qualified for appointment as an Associate Senior Lecturer is a person who has been awarded a PhD or has the corresponding research expertise. Primary consideration should be given to a person who has been awarded a PhD or achieved the equivalent expertise within five years of the deadline for application for employment as an associate senior lecturer.

However, a person who has been awarded a PhD or achieved the equivalent expertise at an earlier date may also be considered if there are exceptional circumstances. Exceptional circumstances are sick leave, parental leave or other similar circumstances.

Specific requirements for this position:

A PhD degree in Computer Science, or related area.

Documented experience in performing research in computer science / information systems in the field of information security.

The following would be of benefit for the position:

- Documented experience from teaching and research in cyber security or a related area with substantial coverage of cyber, information, and/or systems security. While all areas of cyber security will be considered, areas of particular interest are: information security management, offensive security, and other domains that help strengthen the security, privacy and trustworthiness of IoT and other systems.
- Documented experience in teaching and examining in English.
- Documented experience in teaching and examining in Swedish.
- Documented experience of supporting students in a distance/online learning setting.
- Documented practical experience with operating systems, preferably Linux, and security testing tools.
- Documented relevant professional qualifications, such as Security+, CISSP, etc.- Documented experience in collaborating with the society (including companies).
- Documented experience of supervising project work in an educational and/or industrial environment.
- Documented courses in teaching and learning in higher education.

In addition to formal competence, University's employees must possess the personal capacities necessary to perform the duties of the position well and to represent the University in the best possible way.

Assessment criteria

- According to the Appointment Rules at Malmö University, the assessment criteria for a position as Associate Senior Lecturer are:
- The quality and focus of the doctoral thesis
- Documented proficiency in independently conducting research of a high quality
- Reflective presentation of their own pedagogical outlook and practices
- Demonstrated ability to communicate and collaborate with actors in other parts of society with a connection to education and research

Further information

Acting head of department, Bengt J Nilsson, 040-6657244, bengt.nilsson.ts@mau.se

HR-specialist, Sara Eriksson, 040-665 76 59, sara.eriksson@mau.se

In our recruitment work, Malmö University has taken a stand regarding recruitment channels and marketing. We therefore decline all offers of advertising and recruitment assistance in connection with this advertisement.

You can read more about the benefits of working in Sweden here: https://sweden.se/collection/working-in-sweden/

Application

You apply for this position via Malmö University's recruitment system by clicking on the "Apply" button. As an applicant, you are responsible for ensuring that your application is completed in accordance with the job advertisement, and that it is submitted to the University no later than 2022-05-06. The application must be written in Swedish, English or any of the Nordic languages. As an applicant, you are responsible for the application and its appendices being translated.

The rules for appointment of teaching staff at Malmö University are regulated in the Appointment Rules at Malmö University.

Merits and qualifications must be documented according to Qualifications portfolio for lecturers/researchers at Malmö University

Books and any other documents, such as publications, that cannot be sent electronically should be sent in triplicate in an envelope marked with reference number REK 2022/66 and posted to the HR Department, Malmö University, 205 06 Malmö. If the documents weigh more than 2 kg, they should be sent to the delivery address: HR Department, Malmö University, Matrosgatan 1, 211 18 Malmö, marked with reference number REK 2022/66.

According to Malmö University's qualifications portfolio, the application must include:

- Documentation of research expertise

- Documentation of teaching expertise
- Documentation of expertise in engagement with wider society

The application must also include:

- Personal qualifications portfolio (personal data, employment history as well as competencies and skills)
- Copies of degree certificates and other relevant certificates
- A brief account of research, teaching and other activities relevant to the position to which the application pertains, including a description of how the applicant envisions their future research and teaching
- The doctoral thesis
- The primary scientific and educational work to be considered (maximum three of each)

Miscellaneous

This position as full-time Associate Senior Lecturer is, in accordance to the Higher Education Ordinance, limited for a period of four years, with the possibility of being promoted to a permanent position as Senior Lecturer if the requirements are met.

For promotion to Senior Lecturer in Computer Science: Information Security

During the employment period, an Associate Senior Lecturer may apply to be promoted to a permanent position as a senior lecturer. The assessment is made against the requirements below. If these are met and the person is deemed suitable, promotion shall take place.

Qualification requirements

- Eligible to be employed as a Senior Lecturer is the person who has:
- A PhD or has the corresponding research competence or some other professional expertise that is of value in view of the subject matter of the post and the duties that it will involve.
- Demonstrated teaching expertise
- University teacher training corresponding to at least 15 credits, or corresponding formal university teacher training, which is determined through validation.

Additional requirements:

During the period of employment as an Associate Senior Lecturer, have:

Planned and conducted research that in quantity and quality shows a significant progression within the specified research area for the service. Special emphasis will be placed on publications, as well as on demonstrated ability to seek external funding in competition

Demonstrated continued establishment and active participation in the research community

Demonstrated significant progression in pedagogical skills through varied efforts in education, such

as planning, implementation (with different teaching and examination methods). In addition to this, a reflective approach to one's own pedagogical development must be shown

Documented ability to collaborate with the surrounding society regarding education and research

In addition to the formal competence, the university's employees must have the personal abilities needed to fulfill the employment well and to represent the university in the best way. To be relevant for promotion, it is required that you have shown good ability to collaborate with others, both in research and teaching and in terms of development work and administration.

Assessment criteria

The assessment criteria for appointment as a Senior Lecturer shall be the degree of the expertise required as a qualification for employment. As much attention shall be given to the assessment of teaching expertise as to the assessment of other qualifying criteria (Chapter 4, Section 4 of the Higher Education Ordinance).

A Senior Lecturer must be established within their scientific field, taking into account the nature and tradition of the subject specialisation.

A Senior Lecturer must demonstrate:

Documented competence in the field

Documented ability to communicate and collaborate with actors in other parts of society with a clear connection to education and research

Job details

Title: Associate Senior Lecturer in Computer Science: Information Security

Employer: Malmö University

Location: Matrosgatan 1 Malmo, Sweden

Job type: Lecturer / Senior Lecturer

Field: Computational Sciences, Cyber Security

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