



2017-06-22

Postdoctor in Software Engineering

The position is placed at the Department of Software Engineering in Karlskrona

Reference number: BTH 3.1.5-0217-2017

Work description:

The position primarily includes research (80%) and secondly course development, supervision and teaching. The applicant is expected to conduct research in one or more of the following areas of software engineering:

- Analysis of software development processes
- Requirements engineering and management

Other areas of expertise in software engineering may be of interest if the applicant has excellent qualifications.

Course development, supervision and teaching will primarily be conducted at advanced level, but education on basic level may also be included. Supervision of postgraduate students is also possible.

Our tradition of close cooperation with industry means that we particularly value knowledge and experience in evaluation and improvement, as well as experience in empirical research. Experience from research in or with industry is an essential part of the employment. In this context, transfer of technology and knowledge to industry is an integral part of the work. Course development, supervision and teaching are conducted in English at advanced level, and mainly in Swedish at basic level.

Eligibility:

A person is eligible for employment as a postdoctor if he or she has obtained a doctoral degree or equivalent scientific competence. Primary consideration is given to applicants who became eligible no later than three years before the application deadline. Persons who became eligible earlier can be given primary consideration, if there are particular circumstances, like sickness, parental leave, clinic or military service, commissions of trust in trade unions or other similar circumstances.

For further information, see “Guidelines for appointment of teachers and appointment to docent at Blekinge Institute of Technology”, available at <https://www.bth.se/eng/about-bth/vacancies-at-bth> (end of page).

Meriting qualifications:

- Doctoral degree in software engineering, computer science or equivalent.
- Ability to work independently as well as in teams.

Balance of qualifications:

In the assessment, scientific skills in software engineering are considered foremost and pedagogical skills in the other hand. Further consideration is given to the degree of administrative and other skills that are relevant to the employment.

Employment level:

100 %.

Commencement:

To be agreed.

Duration:

Temporary, up to two years.

Contact information:

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Application instructions:

Please submit your application, marked with the reference number BTH 3.1.5-0217-2017 for the position, by **August 15, 2017** at the latest. Applications should be sent to:

diarium@bth.se

The application shall include the following five parts:

1. Cover sheet
2. Account of scientific, educational and other relevant work
3. CV with annexes
4. List of publications
5. Publications for the scientific assessment (at most 10)

For more information, please refer to www.bth.se/eng/about-bth/vacancies-at-bth (below the list of vacancies) or our HR department, +46-455-38 50 68.

BTH is an equal opportunity employer, thus all applicants are most welcome to apply.

Blekinge Institute of Technology, BTH

Blekinge Institute of Technology, BTH, is one of the most distinctly profiled universities in Sweden, where applied IT and innovation for sustainable growth are in focus. In our education and research, engineering and IT are integrated with other disciplines such as urban planning, industrial economics, design and health sciences to contribute to solving the challenges facing society. Everything we do at BTH has three distinct perspectives: innovation, sustainability and in real life, which means cooperation and exchange with both business and industry as well as society. A characteristic of BTH is the close cooperation with industry and society, which permeates both education and research at the regional, national and international level. We conduct education and research at a high international level. BTH has two faculties – the Faculty of Computing and the Faculty of Engineering.

Department of Software Engineering

The position is located at the Department of Software Engineering (DIPT), which belongs to the Faculty of Computing and currently consists of 47 from 19 countries out of which 23 are senior researchers and 17 are PhD students.

Our tradition in software engineering originates from 1990 when we launched Sweden's first education program in software engineering. The department's research and education environment, SERL Sweden – Software Engineering Research and Education Lab Sweden, has steadily expanded in the last years. The department is responsible for study programs in software engineering on Master- and Bachelor level. We are also involved in two of BTH's Master of Science of Engineering programs.

Research and education at the Department of Software Engineering are fully aligned with BTH's overarching profile (applied IT and innovation for sustainable growth), and are conducted in close collaboration with partners from both the private and the public sector.

Our strength is the focus on empirical research to strengthen industry's competitiveness in the development of software-intensive systems, services and products in close collaboration with companies such as ABB, Ericsson, Saab, Sony, Telenor and Volvo. The department's research is internationally top-ranked by the Journal of Systems and Software, based on its strong publication record in prestigious journals.

We welcome your application