With over 15,500 students, four departments with more than 270 professors and more than 1,000 employees in teaching, research and central service units, Frankfurt University of Applied Sciences is one of the largest universities of applied sciences in Germany. "Opportunities through education" is our living motto. Practical relevance, interdisciplinary education, international orientation and regional integration characterize our profile. Diversity and social responsibility are our values. We are sustainable in all dimensions. Excellent quality in teaching and research is our aspiration.

We are looking to fill the following position in Faculty 2: Computer Science and Engineering as soon as possible.

Professor
(W2 salary scale HBesG, Hessian Federal Civil Service
Functional Safety of Software Systems
Job advertisement number P25/2023

The position holder should represent the subject area "Functional Safety of Software Systems" in the bachelor's and master's degree programs in Computer Science. We are looking for a team player with a university degree in computer science or a comparable subject such as mathematics or physics as well as relevant professional experience in the subject area of the position of at least 3 years.

In-depth knowledge in the area of functional safety of software systems is mandatory, potentially including physical components (cyber-physical systems), for example in the application areas of aviation, medical technology, or automotive technology. This also includes knowledge of functional safety standards such as IEC 61508, ISO 26262 or RTCA DO-178C/EUROCAE ED-12C.

In addition, knowledge in the development and application of Internet of Things (IoT), including smart sensors, would be desirable.

The position holder should have successfully implemented and applied this knowledge both in the scientific environment and in professional practice and represent it in our German- and English-language computer science degree programs. For this reason, a very good proficiency of both German and English is absolutely essential.

In addition to teaching courses in the above-mentioned areas, participation in teaching the fundamentals of computer science is also expected. Furthermore, a commitment to application-oriented research, such as networking with other research areas (machine learning, simulation, IoT, sensor technology, embedded systems) or participation in the WSN & IoT & DS research group is expected.

Ideally, the post holder will already have experience in research-oriented cooperation projects between universities and industry partners and will be interested in cooperative doctorates or in the university's PhD Centre Applied Computer Science.

As a brick-and-mortar university, we expect a high level of presence at the university and intensive supervision of students on site.

For more information, please get in touch with Professor Dr. Peter Thoma, peter.thoma@fb2.fra-uas.de

The position is available for an unlimited period of time. When first appointed to a professorship, employment is initially on a probationary civil service basis or on a permanent employment basis with a three-year probationary period.

Conditions of employment, further duties and prerequisites result from §§ 67 - 69, 75 and 76 of the Hessian Higher Education Act; to be viewed at www.hmwk.hessen.de.

We value diversity and therefore welcome all applications - regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. People with disabilities are given preference in cases of equal personal and professional suitability. As a holder of the "Family-friendly University" certificate, the university will take your individual family situation into account when organizing your working hours.

Applications with the usual informative documents (incl. list of publications, projects, description of previous teaching and research activities) are requested **by September 08, 2023**, quoting the reference number, by e-mail to info-prof@hr.fra-uas.de (please send all documents in one PDF file):

To the President of the
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