

**FAKULTY OF ENGINEERING AND COMPUTER SCIENCES  
DEPARTMENT OF INFORMATION AND ELECTRICAL ENGINEERING**

We are looking for a

**CHAIR W2: "DIGITAL ELECTRONICS AND  
HARDWARE-RELATED SOFTWARE"****REFERENCE NUMBER 089/22-2**

The post is permanent and full time. Staffing is intended at 1st October 2024 earliest.

Developing sustainable solutions to the societal challenges of today and tomorrow. This is the goal of the Hamburg University of Applied Sciences (HAW Hamburg), northern Germany's leading applied sciences university when it comes to reflective practice. Our central focus is the excellence of our teaching and our degree courses. Simultaneously, HAW Hamburg is continuing to develop its profile as a research university. People from more than 100 countries help make HAW Hamburg what it is, and our diversity is our particular strength.

**YOUR ROLE**

You will be required to competently represent the subject of digital electronics and hardware-related software in its various manifestations with practical experience in teaching and application-oriented research, and to actively participate in its further development.

You will focus on teaching courses in our Bachelor's and Master's degree courses on digital hardware and circuit design, microprocessors and bus systems in the framework of lectures in seminar form, practical laboratory courses and projects.

You are also able to hold your classes in the Bachelor's and Master's degree courses in the department in German and, primarily for the international courses of study that we offer, in English. You are also prepared to support the basic education in our technical degree courses and, if necessary, to familiarise yourself with other engineering disciplines and represent these in your teaching. You will also contribute actively to the further development of the degree courses and the teaching. We would also like you to set your own priorities here. Due to our cooperation with the University of Shanghai for Science and Technology, it will generally be possible to teach in the joint degree course in Electrical Engineering in Shanghai from time to time.

In addition to your teaching, you will also develop application-based research and development work. You are prepared to collaborate with other subjects and departments at the university on an interdisciplinary basis as well as with partners from industry and higher education.

We expect you to be willing to get involved in academic self-governance, by taking on a leadership role or advisory tasks for our students, for instance.

**YOUR PROFILE****APPLICATION PERIOD**

We look forward to receiving your Online-Application by  
18th April 2024

**UNIVERSITY OF  
APPLIED SCIENCES  
HAMBURG****CONTACT PERSONS**

Questions to the post  
readily answers you

Prof. Dr. Lutz Leutelt,  
T + 49 40 428 75 8164  
[lutz.leutelt@haw-hamburg.de](mailto:lutz.leutelt@haw-hamburg.de)

For queries in HR  
matters please contact

Carolin Egge,  
T + 49 40 428 75 9058  
[carolin.egge@haw-hamburg.de](mailto:carolin.egge@haw-hamburg.de)

**HAW-HAMBURG.DE**

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You have completed a degree in “information and electrical engineering” or “computer science” specialising in digital electronics and hardware-related software, or you have acquired corresponding expertise in a comparable course of study. You are also able to demonstrate your aptitude for academic research and writing by having successfully completed a doctorate which is related to the aforementioned subjects (at least “magna cum laude”).

Your current longstanding practical experience in industrial or industry-related research and development is in the field of the subjects which are to be represented by the Chair as well as the teaching and research.

You have in-depth application knowledge of one or more of the following areas: Systems engineering of embedded systems, digital design with hardware description languages (for example, VHDL), hardware-related software development and real-time operating systems, (microelectronic) circuit design, bus systems and sensor technology or networked radio systems.

Ideally, you have relevant scientific experience in the fields referred to for the Chair.

You are willing to use your contacts to secure external funding and to further develop the profile of the university in the field of “digital information technology” at HAW.

You enjoy the methodological and didactic elaboration and further development of your teaching offering, and you have demonstrable skills in this area. Ideally, you have some initial teaching experience and are motivated to continuously advance your skills in the area of university teaching.

You are expected to be able and willing to work on a constructive and cooperative basis with your colleagues in the department. You will convince us of your ability to work in a team during the interview. You will demonstrate your methodological and teaching expertise at a trial lecture. In this respect, the ability to teach in seminar form and project work should take centre stage. If you intend to take on management responsibilities in our organisation, it is an advantage if you already have management experience.

## **INFORMATION**

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For appointment as a professor, as well as the general staff requirements, the appointment requirements in accordance with Section 15 Para. 1-6 of the Hamburg Higher Education Act (HmbHG) also apply. These can be read on our [website](#).

This includes the willingness to participate in the self-administration committees of the Hamburg University of Applied Sciences as well as a choice of residence in proximity to the university.

The denomination of the vacant post is under the caveat of assessment at appropriate intervals in accordance with Section 12 Para 7 HmbHG.

As well as the basic salary of grade W2 and basic performance benefits, a provision of appointment performance benefits is also possible which can be negotiated with the university president. In addition, there is also the possibility of granting a bonus from third-party funds.

Candidates who have not yet reached the age of 50 at the time of appointment may be appointed as tenured officials, otherwise the employment relationship is that of a standard employee.

## **OUR OFFER**

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We offer you challenging work in an open-minded, forward-thinking university. You will be integrated into a team who enjoy your participation and are happy to support you in the early stages of your integration. Your workplace is centrally located and has very good public transport links.

Here you find information about your employer Freie und Hansestadt Hamburg:  
<https://www.hamburg.de/ihr-neuer-arbeitgeber/>

The Hamburg University of Applied Sciences has set the goal of a gender-equal, discrimination-conscious university culture which is sensitive to diversity. Besides we are part of the diversity audit of the donors' association and have been awarded as a family-friendly university on several occasions. We support our employees and students in reconciling work and family.

Disabled persons and their equivalents take precedence over legally unprivileged candidates of the same suitability, ability and professional performance. We welcome applications from candidates with a migration background.

We want to achieve a balanced gender ratio. For queries in matters of equal opportunities please contact the [equal opportunities officer](#).

There is no underrepresented gender in accordance with Section 14 Para. 3 HmbHG.

## **WE LOOK FORWARD TO RECEIVING YOUR APPLICATION**

Hamburg University of Applied Sciences is committed to ensuring teaching excellence. Candidates are asked to enclose all important documents relating to their teaching experience in their application. In addition, they are requested to include a brief curriculum vitae along with the usual application documents. You can find a [form](#) online.

Information on data protection during selection procedures:  
[Data Protection information](#)

Information about the equal opportunities officer and the representative for disabled employees at HAW Hamburg below General information at [HAW Hamburg: Job openings \(haw-hamburg.de\)](#)

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