

**FACULTY OF ENGINEERING AND COMPUTER SCIENCE
DEPARTMENT OF AUTOMOTIVE AND AERONAUTICAL ENGINEERING**

We are looking for a

**CHAIR W2: "FLUID MECHANICS AND CABIN
SYSTEMS; AIR CONDITIONING"****REFERENCE NUMBER 112/21-1**

The post is permanent and full-time. Staffing is intended at 1st March, 2023 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 provide excellent teaching in the field of "Fluid Mechanics and Cabin Systems; Air Conditioning" with a strong focus on practice. You will design and run classes on the simulation-based design, integration and testing of cabin systems (fluid mechanics) and in particular air conditioning systems on the Bachelor and Masters Aeronautical Engineering programmes and on the Mechatronics programme. You will also design and run classes on basic engineering on all programmes at the Department. If required, you will give your classes in English. Ideally, you will be involved in developing the "Advanced System Integration and Testing" and "Advanced Mechanical Cabin Systems" modules on the Masters programme. You will also supervise final year dissertations and other projects. You will take a major role in the further development of the programmes on which you teach.

Alongside teaching, you will engage in applied research and development work together with partners from both higher education and industry, and be instrumental in initiating such partnerships. You will work with other disciplines and departments at HAW Hamburg on continuing professional development for university teaching staff. You will also be involved in institutional self-government bodies.

YOUR PROFILE

You have a physics or engineering degree (aviation, aerospace, physical engineering, mechatronics, mechanical engineering or related disciplines) and a doctorate in a relevant field. You have practical professional experience in aeronautical engineering and aeronautical systems engineering, in particular in design, integration and testing of cabin systems.

You ideally have previous teaching experience and an interest in the use of modern university teaching methods. Ideally, you have several years' experience of industrial research practice and are able to apply this as appropriate to collaborative, applied,

APPLICATION PERIOD

We look forward to receiving your Online-Application by 31st August, 2022

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

Questions to the post readily answers you

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HAW-HAMBURG.DE

externally funded research at the University. You are prepared and able to guide and successfully to lead diverse working groups.

INFORMATION

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.

The Hamburg University of Applied Sciences makes staffing decisions based on suitability, ability and professional performance. Disabled persons and their equivalents take precedence over legally unprivileged candidates of the same suitability, ability and professional performance.

In particular, we encourage female academics or experts to apply to this professorship. The underrepresented gender shall be viewed as preferable in case of equal qualifications in accordance with Section 14 Para. 3 HmbHG.

OUR OFFER

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.

The Hamburg University of Applied Sciences has set the goal of a gender-equal, discrimination-conscious university culture which is sensitive to diversity, and wants to achieve a balanced gender ratio. For queries in matters of equal opportunities please contact the [equal opportunities officer](#).

We support our employees and students in reconciling work and family, e.g. with counselling services when caring for relatives or special emergency childcare situations. Our senior staff are authorised to lead teams with different work-times and work-life-balance models, as well as mixed age structures.

We welcome applications from candidates with a migration background. The Hamburg University of Applied Sciences is part of the diversity audit of the donors' association and has been awarded as a family-friendly university on several occasions.

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](#)

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