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REFERENCE NUMBER 019/26-2	START DATE 1ST OCTOBER 2026	SALARY LEVEL BES. GR. W 2	APPLICATION DEADLINE 16.04.2026

FACULTY OF ELECTRICAL ENGINEERING, MEDIA AND INFORMATION TECHNOLOGY

CHAIR W2:
APPLIED QUANTUM TECHNOLOGIES AND PHYSICS

The position is a permanent full-time position.

ABOUT US

Knowledge, action, change: each day, these intrinsically linked values inspire us to meet and tackle the societal and technological challenges of our time. As well as providing the specialists and managers of tomorrow with the interdisciplinary knowledge they will need in their future careers, we seek to advance their problem-solving skills and their awareness of their responsibility in and to the world.

With the applied sciences at the heart of all we do, we work hand in hand to create a visionary campus with a positive and enduring effect on Hamburg and the surrounding region.

HAW Hamburg. Because you can make a difference.

YOUR ROLE

We are looking to recruit a professor to lead on setting up and establishing an area of research and teaching on the applications of physics and quantum technologies within HAW Hamburg's Faculty of Electrical Engineering, Media and Information Technology.

The successful candidate will have a strong research track record in quantum technologies, with a particular emphasis on intersections between physics, electronics and electrical engineering. You may have a specialism in quantum computers and algorithms, quantum-based electronic components, quantum measurement technology and quantum sensors, or quantum photonics. You will lead on research and teaching in physics within various degree courses offered by the faculty and engage actively in developing the faculty's research and teaching activities. You will draw on your expertise in physics to create modern teaching and learning formats and incorporate up-to-date research insights into the teaching you deliver.

Your work with us will focus predominantly on quantum technologies, particularly on their industrial applications. To realise this emphasis, you will establish a new area of research and teaching for the faculty and manage and oversee its ongoing development. You will forge links to relevant organisations in Hamburg and its surrounding region, including to the Initiative Hamburg Quantum Innovation Capital (hqic) and the Quantum Technology-Hub within the DESY Innovation Factory (DIF), and to national and international stakeholders. Your overarching aim in these activities will be to establish HAW Hamburg within robust networks in this area of work and to create innovative teaching, learning and CPD formats that will provide students and upcoming engineers with an optimum grounding in the applications of quantum technologies.

The appointee will additionally be expected to teach classes in disciplines fundamental to engineering, in English where required.

YOUR PROFILE

The successful candidate will be a graduate in physics or engineering and will have acquired scientific and practical experience in the field of quantum technologies. We are seeking to appoint a focused individual with strong communication skills and an outstanding ability to forge networks with stakeholders, especially in Hamburg and its surrounding region.

The appointees will have an impressive academic and professional track record, a committed approach to their work, and a strong interest in interdisciplinary collaboration and in working with a range of partner academics and organisations to deliver joint research projects. +Research experience – preferably in the area of quantum technologies and their application - and prior successful third-party grant applications are desirable.

The successful candidate will have at least five years' professional experience, of which at least three years must have been acquired outside a higher education setting.

We wish to recruit an individual who has gained at least initial teaching experience, is interested in issues of didactics, and is able to practise and model interdisciplinary thinking with the aim of helping students to make links between the fundamental aspects of their subject and content specific to particular degree courses. The appointee must be willing to engage actively in creating and delivering competency-based and diversity-aware teaching and to supervise students as they undertake projects, periods of practical experience, and degree theses.

You will be expected to work actively to develop and advance the faculty; this includes taking on roles within HAW Hamburg's management and governance structures and committees.

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 52 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 HmgHG.

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.

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.

The Hamburg University of Applied Sciences is committed to creating a gender-equitable, discrimination-conscious, and diversity-sensitive university culture and work environment. Audited as a "family-friendly university" and certified "Shaping Diversity," we support the compatibility of family and career and actively promote equal opportunities as well as the recognition and appreciation of diversity. Incorporating these values is an important part of our teaching and leadership approach.

We therefore encourage applications from people regardless of their gender identity, ethnicity, religion, age, sexual orientation, or disability. Furthermore, we strongly encourage qualified women to apply.

Information for severely disabled persons and persons with equivalent status,
as well as further information from HAW Hamburg

Apply now

CONTACT INFORMATION

If you have questions about the job posting, please contact
Prof. Dr. Heike Neumann, T + 49 40 428 75 8132, heike.neumann@haw-hamburg.de

If you have questions related to human-resources matters, please contact
Inga Wirth, T + 49 40 428 75 9815, inga.wirth@haw-hamburg.de

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Hamburg University of Applied Sciences

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