

With over 15,000 students and 1,000 lecturers, researchers and employees in the heart of Frankfurt am Main, we are one of the largest universities of applied sciences (HAW) in Germany. Our mission is to support students on their way to becoming responsible designers of the future. We consistently align our activities with our strategic guiding principles of practical relevance, interdisciplinarity, internationality, sustainability, digitalization and social responsibility. Through excellent teaching and research, we make a decisive contribution to the economy, politics and society in the region and beyond. Together with our partners in the U!REKA University Alliance, we form a European university.

We are looking to fill the following position in **Faculty 2: Computer Science and Engineering** beginning by October 01, 2025:

Professor

„Electrical Engineering, especially Smart Electrical Drives“

(m/f/d)

(W2 salary scale HBesG, Hessian Federal Civil Service Remuneration Act)

Job advertisement number P41/2024

Are you passionate about doing research and optimizations in the area of electrical drive systems? Are you interested in making a contribution to sustainable technology development and also in making young talents fit for future challenges? At our university, you will have the opportunity not only to pass on your knowledge to the next generation of engineers but also to actively contribute to innovative research aimed at achieving a sustainable future. We are excited about the prospect of working with you to advance both teaching and research in these vital areas.

Your tasks:

- You will bring your expertise in the abovementioned subject area to the teaching of our Bachelor's and Master's degree programmes in electrical engineering, conducted in both German and English.
- You will be actively involved in supervising our students in their project works and Bachelor's and Master's theses (ideally in collaboration with your and our industry partners).
- You will be head of our laboratory "Electrical Machines"
- You will be involved in applied and interdisciplinary research, particularly in the subject area and initiate/maintain collaborations with practice partners in Germany and abroad.
- You are committed to the further development of the university and contribute to the internationalization of our university, such as through the U!REKA initiative.

Your profile:

- You have a successfully completed a university degree in engineering, and ideally, you can demonstrate your academic qualification through a PhD in the relevant field.
- You have at least five years of professional experience including at least three years outside the university sector in the field of electrical drives, and in at least one of the following areas:

Control Theory / Renewable Energies / Electric Mobility / Industry 4.0

- You are committed, team-oriented and enjoy interdisciplinary, diversity-sensitive work in teaching and research.
- German language skills of at least level C1 are mandatory.

In addition, following points are desirable:

- You have initial teaching experience, for example, teaching assignments or didactic training.
- You can demonstrate your academic qualifications through publications (conferences and/or journals), the acquisition of third-party funding and the successful implementation of research projects.
- You already have experience with budget management and/or staff supervision.

Please enclose a teaching and a research concept that meets the requirements of the position with your application.

For any enquiries, please feel free to contact the Chair of the Appointment Committee, Professor Torsten Kolb, via email at tkolb@fb2.fra-uas.de or by phone on +49 (0) 69 1533-3949.

Further information on what makes a professorship with us so exciting, what requirements you need to fulfill and what application documents you need can be found at: www.frankfurt-university.de/karriere-prof.

Our offer

- We promote the compatibility of family and career through self-determined work with a large amount of freedom in terms of content and time as well as our activities within the framework of the “audit family-friendly university” certificate
- structured onboarding by the department's “Professorship” service team and our university didactics week
- Internationally oriented environment to carry out joint teaching and research projects
- Support in the preparation of your national and international research proposals by our “Research, Innovation and Transfer - FIT” department
- Free Hessen state ticket and good transport links (public transport, underground parking), bicycle-friendly facilities (including bicycle parking spaces, service stations and service pedelecs)
- A lively campus in the heart of Europe with an extensive sports and events program (CampusSport, CampusKultur)

The position is open-ended. When first appointed to a professorship, employment is initially in a probationary civil servant relationship or in a permanent employment relationship with a three-year probationary period. Further employment requirements and duties are set out in sections 67 - 69, 75 and 76 of the Hessian Higher Education Act (available at www.hmwk.hessen.de).

We are actively committed to equal opportunities, diversity and inclusion. We expressly welcome applications from people with a history of migration and attach great importance to family-friendly working hours. Persons with a severe disability or equivalent will be given preferential consideration if they have the same qualifications. Our university is also committed to increasing the proportion of women employed in STEM professions and therefore strongly encourages women to apply.

Have we convinced you? Then please send your application with the usual informative documents (incl. list of publications, projects, presentation of previous teaching and research activities) **by November 11, 2024**, stating 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
Frankfurt University of Applied Sciences
Human Resources and Personnel Development
Nibelungenplatz 1, 60318 Frankfurt
www.frankfurt-university.de