

We are one of the youngest universities in Germany and think in terms of unlimited possibilities instead of possible limitations. Located in the heart of the Ruhr metropolis, our 11 faculties develop ideas with a future. We are strong on research and teaching, we embrace diversity, promote academic potential, and we fight for genuine educational equality.

Currently, we are in search of eligible candidates for the following Professorship at the Faculty of Engineering, Department of Electrical and Information Technology Engineering, starting at the earliest possible date:

Professor in “Systems for (Bio-)Medical Engineering”

(Salary scale W2 LBesO W)

We are looking for a candidate with international standing and an excellent track record of accomplishments both in research and teaching within the scope of (bio-) medical engineering on system level. Applicants should be active in several of the following research areas:

- Information technologies and systems for telemedicine
- Rehabilitation systems, hospital engineering, assistance systems (AAL)
- Sensor networks for medical applications (e.g. BAN)
- Computer engineering in the framework of personalized medicine (e.g. PoC)
- Embedded systems for medical applications
- Computer systems and components for medical imaging

What We Expect:

The applicant is expected to have published in high-ranking, peer-reviewed journals. Experience in the acquisition and management of competitive projects financed by third-party funds (e.g. the German Research Foundation) is equally expected.

Furthermore, it is expected that the applicant is willing to participate in interdisciplinary research cooperations within the university (e.g. Erwin L. Hahn Institute for Magnetic Resonance Imaging, Fraunhofer Institute for Microelectronic Circuits and Systems, Faculty of Medicine of the University of Duisburg-Essen) as well as with industrial partners. Experience in industry and managerial responsibility is a welcome addition.

In teaching, the candidate is jointly responsible for the bachelor / master degree courses in (Bio-) Medical Engineering. In the fields of Electrical Engineering and Information Technology, Nanoengineering, International Studies in Engineering and the doctoral programs of the faculty. Active participation, especially in the field of technical informatics, is expected. The teaching load is nine hours per week.

The University of Duisburg-Essen places great emphasis on excellence in teaching. Candidates must present their teaching methodology, showing its relevance to the profile of the University of Duisburg-Essen.

The hiring requirements comply with § 36 of the Higher Education Act of North Rhine-Westphalia (HG).

The University of Duisburg-Essen promotes the diversity of its members (<https://www.unidue.de/diversity>). It strives to increase the percentage of women in its academic staff and therefore emphatically invites qualified women to apply. In the case of equal qualifications, female candidates will be considered with preference (Equal Opportunities Act). As per § 2 Sect. 3 SGB IX, applications by candidates with a disability or equivalent status are especially welcome.

Applications with the usual documents (CV, list of publications, documentation of academic and professional development, copies of relevant certificates, an exposé of the applicant's research profile with reference to its relevance for the University of Duisburg-Essen, lists of successful external grant applications, experience in academic administration and courses taught plus a teaching concept) as well as a completed application sheet should be sent - by surface mail and e-mail - to the Dean of the Faculty of Engineering of the University of Duisburg-Essen, Univ.-Prof. Dr. Dieter Schramm, Forsthausweg 2, 47057 Duisburg, Germany, dekanat@iw.uni-due.de. (application deadline: 01.06.2019).

For more information on the job and its integration into the University of Duisburg-Essen as well as in the Faculty of Engineering see www.eit.uni-due.de/info/Profilepaper_SdM_en.pdf