

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, embrace diversity, promote academic potential and commit ourselves to educational equality.

The Faculty of Engineering at the University of Duisburg-Essen intends to fill the following professorial chair as soon as possible:

University Professor in Materials Engineering (Werkstofftechnik)

(Salary Scale W 3 LBesO W)

The Faculty of Engineering with the four departments Civil Engineering, Electrical Engineering and Information Technology, Computer Science and Applied Cognitive Sciences, and Mechanical and Process Engineering conducts basic and applied research at a high, internationally recognized level. With approximately 80 chairs and over 10,000 students, the faculty is one of the largest in Germany.

We are looking for an internationally recognized personality in the field of innovative materials in mechanical engineering. The ideal candidate comprises a wide experience of fundamental materials-based processes, properties of materials surfaces, e.g., tribological stresses and cyclic loading of materials with their consequences on the service life of components.

The applicant is expected to have publications in high-ranking, peer-reviewed journals as well as adequate experience with the acquisition and management of competitive projects financed by third-party funds, preferably projects funded by the German Research Foundation (DFG).

The interests for intensive cooperation with the professorships of the Faculty of Engineering, in particular the new chairs for Metal Forming Technology and Metallurgy and Foundry Technology, the interdisciplinary Center for Nanointegration (CENIDE) of the UDE and the focus on Materials Chain of the University Alliance Ruhr is expected. Likewise, the willingness to acquire, initiate and implement interdisciplinary third-party funded projects and to establish and maintain international contacts is required.

In teaching, he/she is responsible for teaching in both German and English language. In addition to the basic subjects in the field of materials technology in metals, in-depth lectures should also cover the relationship between component and fatigue strength as well as damage analysis, including the necessary engineering fundamentals. Participation in the further development of study programs and in the self-governing bodies of the university is desired.

The University of Duisburg-Essen places great emphasis on excellence in teaching. Candidates will be required to present their teaching methodology, as well as show 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 (Hochschulgesetz NRW).

The University of Duisburg-Essen aims to increase the diversity of its members and considers their competences in relation to, e.g., their age or origin (s. <http://www.uni-due.de/diversity>). It aims to increase the number of women on its academic staff and therefore emphatically encourages women with pertinent qualifications to apply. Women with equal qualifications will be preferred in accordance with state equality laws. Applications of qualified disabled persons in the legal sense of § 2 para. 3 SGB IX are also 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) should be sent **no later than October 14th, 2019** to the **Dean of the Faculty of Engineering of the University of Duisburg-Essen, Herrn Univ.-Prof. Dr.-Ing. Dieter Schramm, Forsthausweg 2, 47057 Duisburg, Germany.**

For further information on this position, the University of Duisburg-Essen and the Faculty of Engineering can be found at <https://www.uni-due.de/iw/de/stellen.shtml>