

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 Chair (salary class W 3 LBesO W) "Energy Technology"

associated with the position of

Scientific Director of the Hydrogen and Fuel Cell Center ZBT

We are looking for an outstanding candidate with proven success in internationally visible research in the field of energy technology. Priorities should be in the area of "electrochemical energy conversion and storage", e.g., fuel cells, electrolysis, hydrogen technology, batteries, system integration. Experience in the field of "sector coupling in power engineering systems" is desirable.

Experience in leadership in research and/or development is required. Publications in peer reviewed journals as well as experience in the acquisition and implementation of self-designed research projects are expected. Experience in industrial research or in cooperation with industry for the technological implementation of research results is required. Experience and success in attracting competitive third-party funds are desirable.

The professorship is associated with the position of Scientific Director of the Hydrogen and Fuel Cell Center ZBT (www.zbt-duisburg.de). The ZBT GmbH is a wholly owned subsidiary of the University of Duisburg-Essen with approx. 100 employees and has uniquely equipped laboratories and research facilities.

The willingness to cooperate intensively within the Faculty of Engineering and with other faculties, e.g., in the context of the profile area Center for Nanointegration (www.cenide.de) of the University or the focus on "Energy System Transformation" as part of the UA Ruhr (www.ua-ruhr.de) 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, she/he will engage in compulsory lectures in the full breadth of energy technology in German and English Bachelor and Master programs of the Mechanical and Process Engineering Department. In addition, she/he contributes to the teaching of interdisciplinary degree courses.

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

The University of Duisburg-Essen highlights the quality of its teaching. Please conceptualize your didactic teaching vision, also with regard to the special 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.

Please send your applications, including the usual documents (CV, a list of scientific publications, documents about the scientific and professional development, copies of certificates, details about the personal research profile and the resulting perspectives at the University of Duisburg-Essen, teaching and

learning concept, information about previous teaching occupations, experience in academic administration and third party-funded research) to:

Dekan der Fakultät für Ingenieurwissenschaften der Universität Duisburg-Essen, Herrn Univ.-Prof. Dr.-Ing. Dieter Schramm, Forsthausweg 2, 47057 Duisburg, Germany.

DEADLINE: May 15th 2020

For further information about the chair, its role at the University of Duisburg-Essen and about the Faculty of Engineering please visit <https://www.uni-due.de/iw/en/>