

*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 August 2019:

## **Professor in „Electrical Energy Systems“ (Salary Scale W3 LBesO W)**

(Successor to Prof. Dr.-Ing. habil. István Erlich)

We are looking for an outstanding candidate with an excellent track record of accomplishments both in research and teaching within the scope of electric power systems. Applicants should be active in several of the following research areas:

- Integration of renewable energy sources into the energy network
- Network-compliant regulation of renewable energy generation units connected through converter interfaces to the energy network
- Network-compliant regulation of HVDC links
- Modern methods in power system analysis, optimization, and security assessment
- Operation and control of large-scale electric power systems
- Modeling, simulation, and analysis of transients in energy networks
- Energy conversion technologies

What We Expect:

Publications in the field of expertise in peer-reviewed journals and conference presentations are expected.

Experience in the procurement of competitive third-party funding (especially funding by national science foundations) is expected.

Furthermore it is expected that the applicant is willing to participate in interdisciplinary research cooperations within the university as well as with industrial partners.

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.uni-due.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 documents and certificates, an exposé of the applicant's research profile with reference to its relevance for the University of Duisburg-Essen, a list of courses taught, an enumeration of experience in academic administration, a list of successful external grant applications) should be sent to the Dean of the Faculty of Engineering – **deadline: 4-22-2018**:

**Dean of the Faculty of Engineering of the University of Duisburg-Essen**  
**Mr. Univ.-Prof. Dr.-Ing. Dieter Schramm**  
**Forsthausweg 2**  
**47057 Duisburg**  
**Germany**

Further information on the University of Duisburg-Essen and the Faculty of Engineering can be found under [http://www.eit.uni-duisburg-essen.de/info/Profilpapier\\_EES.pdf](http://www.eit.uni-duisburg-essen.de/info/Profilpapier_EES.pdf).