

*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 engage in genuine educational equality.*

## **The University of Duisburg-Essen is in search of the brightest minds**

We are looking for outstanding young researchers, to whom we offer the best opportunities for their academic and personal development. We provide individual early career support through the Graduate Center (GC Plus), the Tenure Track Programme (TT Plus) and the Human Resources Development Programme (PE Plus). Wherever bright minds connect and collaborate, everyone involved will benefit. That is why we join forces and share qualification and guidance programmes for career development with the Ruhr-University Bochum and the TU Dortmund University as part of the Research Academy Ruhr (RAR).

Within the framework of the “Bund-Länder-Programm zur Förderung des wissenschaftlichen Nachwuchses” – the Tenure Track Programme of the German Federal Government and the Federal States – 21 tenure-track junior professorships will be advertised. Currently, we are in search of eligible candidates for the following tenure-track junior professorship at the Faculty of Engineering:

### **Junior Professor in "Electroenergetic Functional Materials"** (Salary Class Group W1 LBesO W - with Tenure Track as per W2)

We are looking for an excellent junior scientist with an area of expertise in electrical nano- and microstructured functional materials, their processing and application in the area of energy conversion/ storage or energy harvesting, like: materials for thermoelectric energy conversion, materials for SuperCaps, materials for electromechanical converters, materials for optical converters or materials for lighting or display applications. The planned research activities should complement the already existing research fields of photovoltaics, Li-ion batteries and fuel cells. In addition to material characterization, component processing is expected. The willingness to engage in interdisciplinary cooperation and to participate in future major research collaborations is a prerequisite. Links to the Center for Nanointegration Duisburg-Essen ([www.cenide.de](http://www.cenide.de)), the NanoEnergieTechnikZentrum ([www.uni-due.de/cenide/netz](http://www.uni-due.de/cenide/netz)) and the Faculty of Physics are of particular interest.

In the field of teaching, the applicant supports the studying programs in Electrical Engineering, NanoEngineering and Energy Science, offering for example lectures and practical courses in the field of lighting, modern energy converters or process technologies.

Publications in the field of expertise in peer-reviewed journals are expected, especially in leading international journals.

Experience in the procurement of competitive third-party funding, involvement in international research and international experience are desirable. Furthermore, leadership experience in research is beneficial.

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

Applicants must show aptitude for participation in academic self-administration.

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

Teaching requirements currently are four hours of teaching during the first, and five hours of teaching during the second employment stage of the Junior Professorship. Employment is contingent on the presentation of the corresponding requirements for temporary civil service. The duration of employment complies with § 39 Sect. 5 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 successful external grant applications, a list of courses taught and a teaching philosophy, an enumeration of experience in academic self-administration) should be sent by the 11<sup>th</sup> of November, 2018 at the latest to the Dean of the Faculty of Engineering:

**Dekan der Fakultät für Ingenieurwissenschaften  
der Universität Duisburg-Essen  
Herrn Prof. Dr.-Ing. Dieter Schramm  
Forsthausweg 2  
47057 Duisburg  
Germany  
([dekanat@iw.uni-due.de](mailto:dekanat@iw.uni-due.de))**

Further information on the University of Duisburg-Essen and the Faculty of Engineering can be found under:

<https://www.uni-due.de/iw/en>