

We are a young, innovative University in the heart of the Ruhr Metropolitan Region. Excellent in both research and teaching, we are open-minded and develop sustainable ideas for the future. We stand for diversity, promote individual's capabilities, and are committed to educational justice that deserves the name.

The **University of Duisburg-Essen** has an open position as

scientific staff (f/m/d)
(salary group 13 TV-L, 100 %)

to be fulfilled at the **Campus Duisburg**, in the Faculty of Engineering (Chair of Electronic Materials and Nanostructures).

The Chair of Electronic Materials and Nanostructures is member of the Center for NanoIntegration of the University of Duisburg-Essen (CENIDE), which bundles the nanotechnology sciences at the University with approx. 80 working groups.

Your tasks:

In an ambitious project funded by the German Research Foundation (DFG) on novel thermoelectric generators for the conversion of waste heat into electrical energy, you will perform research tasks together with our national and international partners (e.g., DLR in Cologne). The focus of your work will be the microscopic investigation of solid solution and contact interfaces.

Your profile:

- Completed university studies in Nanoengineering/Nanosciences, Electrical Engineering, Physics or Materials Sciences of at least 8 semesters
- Desirable are experiences in the field of materials sciences, thermoelectrics and/or measurement technology, e.g. scanning probe technology
- Independence, sense of responsibility and strong interest in research

Within the scope of the position, opportunities for further scientific qualification are provided.

We offer:

- a vibrant, multifaceted field of activity in a research-intensive environment with international partners
- a pleasant working atmosphere in a dynamic team
- the possibility for earning a PhD with numerous support offers

Starting date 01.02.2024

Contract duration 3 years, extension is possible

Working hours 100 % of a full-time contract (Part-time employment is possible)

Application deadline 31.12.2023

Please send your application with the usual documents, stating the reference number 770-23, to Dr.-Ing. Wolfgang Mertin, University of Duisburg-Essen, Faculty of Engineering, 47057 Duisburg, phone +49-(0)203-3793407, e-mail wolfgang.mertin@uni-due.de.

Information about the hiring institution can be found at: <http://www.uni-due.de/wet>

The University of Duisburg-Essen aims to promote the diversity of its members (find more information under <https://www.uni-due.de/diversity>).

The University is striving to increase the proportion of women in the scientific staff and therefore urges qualified women to apply. According to the NRW State Equal Opportunities Act, women are given preferential treatment if they have the same qualifications.

Applications from severely disabled people and people of equal status (§ 2 Abs. 3 SGB IX) are highly desired.

