

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

- You will carry out research tasks in the Collaborative Research Center CRC/TRR 247 "Heterogeneous Oxidation Catalysis in the Liquid Phase", which is funded by the German Research Foundation. The aim is to elucidate fundamental mechanisms of catalytic processes. Using state-of-the-art laser spectroscopy, you will have the opportunity to conduct research on nanoscale metal oxides for tailoring their catalytic activity for specific applications in a sustainable energy future.
- You have access to extensive technological and spectroscopic equipment

Your profile

- Completed university studies in Nanoengineering/Nanosciences, Chemistry, Physics, or Materials Sciences of at least 8 semesters
- If possible, experience in areas such as optical spectroscopy, materials science, catalysis, and/or chemical processes
- 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
- family friendliness through childcare services for your children
- advice on family care responsibilities
- a wide range of further and advanced training opportunities, individual induction training
- excellent public transport connections and free parking spaces
- attractive sports and health facilities (university sports)
- the possibility of working from home

Starting date 15.05.2024

Contract duration 3 years, extension is possible

Working hours 100 % of a full-time contract

Application deadline 05.04.2024

Please send your application with the usual documents, stating the reference number (162-24), to Prof. Dr. Gerd Bacher, University of Duisburg-Essen, Faculty of Engineering, 47057 Duisburg, phone +49-(0)203-3793406, e-mail gerd.bacher@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.

