

We are one of the youngest universities in Germany and think in terms of possibilities rather than limitations. In the heart of the Ruhr metropolis, in our 11 faculties, we develop ideas for the future. We are strong in research and teaching, live diversity, support potential and are highly committed to an educational equality that deserves this name.

The **University of Duisburg-Essen** invites applications for a

Post-doctoral Researcher

(Salary scale 13 TV-L)

at the Faculty of Physics, located on the Duisburg Campus

Main research topics and duties:

Research on non-equilibrium dynamics in condensed matter systems, with focus on the ab initio description of electronic excitation and relaxation dynamics, preparing and teaching courses, some administrative tasks.

The job offers opportunity for further scientific qualification.

Qualifications required:

PhD in Physics or Theoretical Chemistry

Profound knowledge of atomistic quantum-mechanical simulation methods, of condensed matter theory, in particular density functional theory. Acquaintance with computers running under Unix/Linux, good programming skills in Fortran or C. Knowledge in numerical techniques for theoretical description of electronic excitations (e.g., TDDFT) is an advantage.

Proposed starting date: Earliest possible starting date Oct. 1st, 2015

Duration of contract: 2 years

Working hours: 100% of a full-time position

Application deadline: Not later than 4 weeks following publication of this advertisement

The University of Duisburg-Essen aims to promote the diversity of its members (see <http://www.uni-due.de/diversity>)

It is seeking to increase the number of women on its scientific staff and therefore strongly encourages suitably qualified women to apply. In case of equal qualification, women will be given preference in accordance with state equal opportunity legislation. Applications from suitable handicapped persons and equivalent applicants according to Article 2, Paragraph 3 of the social code (SGB IX) are also welcome.

Your application should contain: curriculum vitae, copies of your university certificates, list of publications, copies of your three most relevant publications. Quote the reference number 352-15. Send your application to: Professor Peter Kratzer, Fakultät für Physik, Universität Duisburg–Essen, Lotharstraße 1, D-47048 Duisburg, Germany, or as e–mail to peter.kratzer@uni-due.de

Information on the Faculty and the advertised vacancy is available at:

<http://www.uni-due.de/physik/kratzer>

<http://www.uni-due.de>