

With 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: the interaction between engineering and natural sciences as well as social and cultural studies drives both technological innovations and progress in knowledge and methodology. It is not only the roughly 34,600 students who benefit from this.

The Faculty of Chemistry and Chemical Biology at TU Dortmund University is seeking to fill the position of a

Professor (W3) in “Biomimetic Chemistry”

commencing as soon as possible. The successful candidate is expected to represent the field of “Biomimetic Chemistry” in research and teaching.

To strengthen its focus areas of “Chemical Biology” and “Intelligent and Adaptive Materials”, TU Dortmund is calling for applications from candidates with forward-thinking research approaches. In the department, the professorship will establish a research program with a biomimetic focus. Its objective will be the synthetic creation and physical study of chemical systems that mimic the characteristics of living matter.

We are looking for a personality whose scientific excellence in the field of Biomimetics with a focus on generating lifelike, adaptive, intelligent molecular systems has been demonstrated by high-level international peer-reviewed publications. Possible research focus areas in the field of Systemic Chemistry are molecular networks, autocatalysis, dynamic libraries, switchable molecular systems, coupled oscillators, self-organization and autopoiesis. Candidates must also be willing to get involved in research alliances and collaborative projects within TU Dortmund and beyond, especially in the context of the University Alliance Ruhr and with the Max Planck Institute of Molecular Physiology.

Experience in raising third-party funds is expected.

An adequate contribution to the faculty's curriculum is expected.

The successful candidate should possess social and leadership skills and

be willing to be involved in academic self-governance.

The recruitment requirements are based on § 36 and § 37 HG NRW (law governing universities in NRW).

TU Dortmund University strives to increase the number of women in academic research and teaching and therefore strongly encourages women to apply.

Equally qualified candidates with disabilities will be given preference.

TU Dortmund University supports the compatibility of work and family life and promotes gender mainstreaming in the university community.

Meaningful applications, including the usual documents (cv, list of publications and talks, three representative publications, overview of your research concept and your experience in research and teaching, list of third-party funds raised, certificates together with translations) should be sent by e-mail (in one pdf-file) to the following address by 15.11.2018

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