

**Technische Universität Berlin**

To foster scientific collaboration between its member universities, the Berlin University Alliance (BUA) advertises "Joint Berlin Professorships." The professorships serve to develop and expand innovative, forward-looking research topics and thus strengthen the BUA - an Alliance of Excellence made up of Freie Universität Berlin, Humboldt-Universität zu Berlin, Technische Universität Berlin and Charité - Universitätsmedizin. Technische Universität Berlin, Faculty II - Mathematics and Natural Sciences, Institute of Chemistry, in cooperation with Freie Universität Berlin invites applications for a position of a

University Professor - salary grade W3

for the field of "Green Chemistry".

Faculty II - Mathematics and Natural Sciences

Reference number: II-237/25 (starting at the earliest possible / permanent / closing date for applications 01/07/25)

Working field:

The holder of the position should represent the subjects of Green Chemistry and Inorganic Chemistry in teaching and be involved in teaching courses in the bachelor/ master programmes "Chemistry", "Chemical Engineering" and "Food Chemistry". The courses will be taught in German and English. The tasks also include the supervision of students in the preparation of final theses.

The research should be in a current area of molecular inorganic chemistry, preferably in the field of catalysis based on organometallic or coordination compounds, with a special focus on the principles of green chemistry, including the development of sustainable, resource- and energy-saving chemical processes.

The work should be integrated into the Berlin-based collaborative projects and thus enabling a broad collaborative capability.

Further responsibilities include leading and managing the department and its staff; supporting the advancement of junior scholars, women, and diversity; knowledge and technology transfer; initiatives to promote internationalization; gender and diversity competence and sustainability-oriented action as well as committee and commission work.

Requirements:

The recruitment requirements according to § 100 BerlHG must be fulfilled. These include, in particular, a university degree in chemistry or related subject, special aptitude for scientific work, which is usually demonstrated by the quality of a doctorate, additional scientific achievements, which are usually demonstrated by a positively evaluated junior professorship, habilitation or equivalent achievements, as well as pedagogical aptitude, which is documented by a teaching portfolio (for more information on the teaching portfolio, see the website of the Technical University of Berlin: <https://www.tu.berlin/go209650/>)

Suitable candidates should have a proven track record of independent, internationally visible scientific work in an experimental area of Green Chemistry to represent this subject in research and teaching. Competence in synthesis strategies of inorganic molecules and their application in sustainable processes, e.g. in catalysis or energy conversion or storage, is a key qualification. The willingness and ability to conduct interdisciplinary research, e.g. between theory and experiment, as well as for technology transfer activities is required. A research focus on purely process-oriented technical chemistry/chemical engineering is not desirable. Groundbreaking research results in the field of synthesis and structural characterisation of inorganic molecules and their use in sustainable chemical processes must be demonstrated by relevant publications in peer-reviewed journals. High research activity must be substantiated by successful grant proposals within the last 5 years. The professorship is expected to actively contribute to the further development of the integrated research area Berlin. Relevant teaching experience and experience in supervising final and doctoral theses are expected. Experience in academic self-administration and in leading large research groups is also desirable.

Technische Universität Berlin expects its professors to be able to take responsibility for the management and strategic development of their subject area and their staff. For us, this also includes commitment to the promotion of young talent and women, gender and diversity competence in the sense of creating diversity-sensitive working and study conditions and setting impulses in research and teaching.

As a university with an international profile, we require the ability to teach in German and English or the willingness to acquire missing language skills within a reasonable period of time.

With around 35,000 students, around 350 professorships and around 7,500 employees, Technische Universität Berlin is a University of Excellence within the Berlin University Alliance. We value the diversity of our members, pursue the goals of equal opportunities and are certified as a family-friendly university. With the Dual Career Service, we offer you and your family support when moving to Berlin.

Applicants are asked to include an initial conceptual outline of their planned research and teaching activities with their application.

Technische Universität Berlin aims to increase the proportion of women in research and teaching and therefore strongly encourages qualified female academics to apply. Severely disabled applicants with equal qualifications will be given preference.

Please send your application stating **the reference number II-237/25** with the usual documents (CV, details of your academic career, copies of certificates, research concept, teaching portfolio, list of publications, the 5 most important publications and proof of third-party funded projects carried out or applied for) **by e-mail as a single PDF file to the Dean of Faculty II, Prof. Dr. Wilhelm Stannat, at appoint@naturalsciences.tu-berlin.de**.

By submitting an online application, you as the applicant give your consent for your data to be processed and stored electronically. We would like to point out that we cannot guarantee the security of personal data transmitted if your application is sent unprotected by electronic means. Data protection information on the processing of your data in accordance with the GDPR can be found on the website of the HR department:

<https://www.tu.berlin/abt2-t/services/rechtliches/datenschutzerklaerung-bei-bewerbungen>.

The vacancy is also available on the internet at

<https://www.personalabteilung.tu-berlin.de/menuue/jobs/>

