Technische Universität Berlin - Faculty II - Mathematics and Natural Sciences, Institute of Chemistry, invites applications for a position of a Professor - salary grade W2 for the field of **"Sustainable Synthetic Chemistry"**.

Professor - salary grade W2

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Faculty II - Mathematics and Natural Science - Institute of Chemistry - Department of Sustainable Synthetic Chemistry
Reference number: II-167/25 (starting at the earliest possible / permanent / closing date for applications 26/05/25)

Working field:

The position requires teaching in the field of Organic Chemistry at all levels, and participation in the study programs of Chemistry (BSc/MSc) and Chemical Engineering (BSc) as well as Food Chemistry is expected. Classes are to be taught in German and English. Furthermore, candidates will have to supervise bachelor and master theses as well as train PhD students and undertake appropriate academic self-governance duties.

The candidates' independent research must be in a current area of Organic Chemistry with references to catalysis, with preference given to experimental contributions to photo- and electrochemistry as well as sustainable synthesis strategies, optionally involving of modern technical advances such as flow chemistry or ball milling. The research area should offer ample opportunities for cooperation with research groups of collaborative projects based in Berlin, e.g. the Cluster of Excellence UniSysCat. A later collaboration in the area of chemical start-ups at TU Berlin's Chemical Invention Factory (CIF) is desirable. Joining other TU research networks such as the Research Training Group 2473 "Bioactive Peptides" would be another benefit.

Further tasks include leadership and management of the unit and its staff members, promotion of young scientists, women and social diversity, knowledge and technology transfer, initiatives for internationalization, gender- and diversity-competent 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 in chemistry or a related subject, 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 Organic Chemistry with references to catalysis and should be able to represent the field in research and teaching. Competences in the field of photo- or electrochemistry as well as experiences in techniques or methods related to sustainable chemistry represent a desired qualification. The research area should be different to those currently pursued by other units and workgroups at the Institute of Chemistry but also complement these in a meaningful way, while also enabling links to other applications, especially in those disciplines represented at Technische Universität Berlin. In addition, the research area should be able to fit into existing collaborative projects such as the UniSysCat cluster of excellence. The ability to initiate new collaborative projects is also expected. The willingness and ability to conduct interdisciplinary research, e.g. between theory and experiment, is expected. An involvement with reference to spin-offs as well as the perspective participation in the Chemical Invention Factory are desirable. Landmark research results in the field of Organic Chemstry are to be demonstrated by relevant publications in peer-reviewed journals. High research activity should also be substantiated by successful grant proposals within the last 5 years.
Applicants must show teaching experiences at university level. Additional experience in advising and supervising Bachelor, Master and doctoral students is expected as well as experience in leading of research groups. Moreover, experience in the area of academic self-governance is desired.

The 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. We also greatly value interdisciplinary cooperation and initiatives in science communication as well as in knowledge and technology transfer.

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 **by stating the reference number II-167/25** 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.

Technische Universität Berlin - Die Präsidentin - Dekan der Fakultät II - Mathematik und Naturwissenschaften, Prof. Dr. Stannat, Sekr. BEL 1, Marchstr. 6, 10587 Berlin

The vacancy is also available on the internet at https://www.personalabteilung.tu-berlin.de/menue/jobs/