



Technische Universität Berlin



The Institute of Machine Tools and Factory Management at Faculty V – Mechanical Engineering and Transport Systems at Technische Universität Berlin invites applications for a

university professorship – pay scale W3

for the field of **Quality Science** as a permanent position.

Faculty V

Reference number: V-683/24 (starting at the earliest possible / permanent / closing date for applications 24/01/25)

Working field:

Duties include teaching courses on the fundamentals, methods, and applications of quality science in the engineering science components of bachelor's and master's programs as well as in the Industrial Engineering and Management master's program. Courses are to be taught in German and English.

The research fields covered by the professorship of Quality Science relate in particular to the redevelopment and further development of existing QM methods as part of the digitalization of operationally effective quality processes and the sustainable alignment of quality processes through the use of AI and data analytics. Taking into account technical, social, legal, economic, ecological, and ethical aspects, research focuses on the manufacturing processes of products, supporting services, and the planning, controlling, and monitoring processes in the product life cycle.

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 work.

Requirements:

Hiring requirements are based on Sections 100 et seq. of the Berlin State Higher Education Act. These include a relevant degree in engineering or natural sciences, for example in mechanical engineering or industrial engineering and management; a particular aptitude for academic work, usually demonstrated by the quality of the applicant's doctorate; additional academic achievements (e.g. a positively evaluated junior professorship, a Habilitation, or work equivalent to a Habilitation); an aptitude for teaching documented in a teaching portfolio (for further details, please refer to the website of Technische Universität Berlin <https://www.tu.berlin/go209650/>).

In-depth scientific knowledge in the field of the advertised professorship is mandatory.

Candidates must have international expertise and experience in applied research and teaching in quality management and quality assurance. A readiness to collaborate in research and teaching is a further prerequisite.

Preference will be given to applicants with several years of practical professional experience with an international focus, preferably in a management position.

Experience in the management of and/or participation in basic research projects and research networks in the field of the professorship is desirable.

The successful candidate will have experience promoting junior scholars and knowledge and technology transfer, and possess gender and diversity competence as well as awareness of sustainability issues.

As a university with an international profile, we require our professors to have excellent English-language skills and we welcome applications from candidates whose first language is not German who are committed to quickly learning the language.

Technische Universität Berlin is seeking to increase the proportion of women in research and teaching and actively encourages applications from suitably qualified female candidates. Preference will be given to applicants with severe disabilities who equally fulfill the requirements of the position.

We very much value the diversity of our members and are committed to equal opportunities. We are a certified family-friendly university and our Dual Career Service can assist you and your family with your move to Berlin. Applications from people of all nationalities and with a migration background are very welcome.

TU Berlin is taking steps to make appointment procedures more equitable and has created a form to take academic age into account in appointment procedures as part of a pilot project. We kindly ask you to complete the form. You can download it as an Excel file from the following web page: <https://www.tu.berlin/en/go209647/>.

Please submit your application, preferably in digital format and by email, with a maximum of 3 pdf files by 24/01/2025, quoting reference V-683/24 to berufungen@vm.tu-berlin.de. Your application should include your curriculum vitae, certificates, a list of publications, a description of research areas and third-party funding, a teaching portfolio including a list of courses, and copies of up to five selected publications.

If you prefer to submit your application as a hard copy, please include a digital version on a USB stick and address your application to: Technische Universität Berlin – Die Präsidentin – Dekan der Fakultät V, Prof. Dr.-Ing. Utz von Wagner, Sekr. H 11, Straße des 17. Juni 135, 10623 Berlin. Your application cannot be returned to you for financial reasons. Please only submit copies of documents, not originals.

By submitting your application via email, you consent to having your data electronically pro-cessed and saved. Please

note that we cannot guarantee the protection of your personal data when submitted as an unprotected file. You can find information on data protection law regarding the processing of your data in accordance with the GDPR on the website of the human resources 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/menue/jobs/>

