

Thinking the Future
Zukunft denken



The deadline for applications is **July 31, 2024**. Please apply online via the RWTH appointment portal: www.berufungsportal.rwth-aachen.de

Contact:

Dekan der Fakultät für Maschinenwesen der RWTH Aachen, Prof. Dr. Wolfgang Schröder, Eilfschornsteinstraße 18, 52062 Aachen

For information on the collection of personal data pursuant to Articles 13 and 14 of the General Data Protection Regulation (GDPR), please visit www.rwth-aachen.de/gdpr-information.

This position is also available on a part-time basis per request. We welcome applications from all suitably qualified candidates regardless of gender. RWTH Aachen University is certified as a family-friendly university and offers a dual career program for partner hiring. We particularly welcome and encourage applications from women, disabled people and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and appointments will be made on merit.

RWTH Aachen University is one of Germany's pre-eminent Universities of Excellence and is renowned for its high-quality teaching and world-class research. Assuming profound responsibility towards society, RWTH addresses bold scientific questions and translates its knowledge into meaningful applications. RWTH strives for the convergence of knowledge, methods, and findings and integrates in-depth disciplinary knowledge within the interdisciplinary research consortia established in its eight profile areas. The University's dynamic, creative, and international environment encompasses efficient research networks and institutionalized collaborations. With its innovative RWTH Aachen Campus project, the University boasts one of the largest technology-oriented research environments in Europe.

Junior Professor (W1) in Safety, Security and Sustainability Evaluations in Foresight Research at the Faculty of Mechanical Engineering

We are inviting applications for a junior professor position in the area of safety, security and sustainability evaluations in foresight research, to be filled as soon as possible. In the area of research, basic investigations into a standardization of the concept of safety as well as contributions to a quantitative theory of safety are to be developed. An essential goal is the provision of theoretical foundations for the initiation of certification processes in technological developments. Active participation in the calls for proposals in the national security research program of the BMBF as well as in the framework research program of the EU is expected.

The professorship will be integrated into the existing teaching program. This includes taking over seminars and lectures on the topic as well as developing independent events for students of mechanical engineering. The professorship is intended to promote the development of a discipline-specific scientific community and to become a national focal point for security research. It is dependent on the cooperation and intensive discourse with the institutes of mechanical engineering as well as other faculties of the RWTH. This requires not only a high affinity for technology, which is usually demonstrated by a scientific-technical degree, but also strong communication skills and a high level of understanding for the topics and ways of thinking of disciplines that are far removed from technology. By integrating sustainability aspects into security issues, the professorship contributes to a high degree to the strategic goals and values of the RWTH.

Candidates should have a university degree and a particular ability to undertake academic work, which is generally demonstrated by an outstanding doctorate. Teaching ability and dedication are essential and the application should include proof of this. Fluent German is not required to start the position but the successful candidate will be expected to hold classes in German within the first 5 years.