

Please send a cover letter stating research aims and a CV to:

Dekan der Fakultät für Maschinenwesen der RWTH Aachen, Univ.-Prof. Dr.-Ing. Wolfgang Schröder, 52056 Aachen.

You can also send your application via email to dekan@fb4.rwth-aachen.de. Please note, however, that communication via unencrypted email poses a threat to confidentiality as it is potentially vulnerable to unauthorized access by third parties. 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.

The deadline for applications is August 26, 2022.

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, which entails the highest quality in teaching and world-class research. RWTH addresses bold, scientific questions; it also assumes a profound responsibility toward society and transfers its knowledge into meaningful applications. RWTH strives for the convergence of knowledge, methods, and findings from its research fields and integrates in-depth disciplinary knowledge into interdisciplinary research consortia represented as profile areas. The university's dynamic, creative, and international environment encompasses efficient research networks, institutionalized cooperations, and, most of all, the innovative RWTH Campus-Project which harbors one of the most extensive technology-oriented research landscapes in Europe.

Full Professor (W2, Tenure Track W2) in Plastics Materials and Processes for a Circular Economy at the Faculty of Mechanical Engineering

This is a tenure-track professorship for a five-year term leading to a tenured W2 position. The position is funded by the Tenure Track Program of the German federal and state governments. This call for applications is therefore particularly targeted at early career researchers. The funding conditions of the position require it to be filled by May 31, 2023, at the latest. For further information about the tenure track process, please visit www.rwth-aachen.de/tenuretrack.

We are inviting applications for the position of full professor in the area of plastics materials and processes for a circular economy, to be filled as soon as possible. Target of the new professorship is to create the scientific basis for the transformation of the plastics sector from a linear to a circular economy in order to generate a new level of sustainability. This requires a systemic approach, which essentially establishes recycling as a fundamental target in the development of product and processing technology. The field of research includes aspects like design for recycling and recycling friendly material modification and additivization as well as recycling processes and the processing of recycled plastics having spreading properties. RWTH provides a number of connecting points for interdisciplinary research in this field and the candidate is expected to foster collaboration within RWTH and beyond. The professorship is associated with the IKV – Institute for Plastics Processing – and should complement its pre-existing competence. Candidates provide a recognised expertise preferably in chemical process engineering or chemical engineering with particular focus on plastics recycling.

The requirements include a doctoral degree and additional research experience, such as a habilitation (post-doctoral lecturing qualification) or equivalent achievements gained as a university researcher or professor or in a research position outside academia. 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.

Besides excellent research the development of appropriate teaching programs is required. Thus, we expect proven success in third-party funded research as well as enjoyment in teaching. Interest in interdisciplinary research, pronounced commitment to cooperation and strong communication skills complete your profile.

Please submit your application materials in English.