Please send a cover letter stating research aims and a CV to: Dekan der Fakultät für Maschinenwesen der RWTH Aachen University, Univ.-Prof. Dr.-Ing. Jörg Feldhusen, 52056 Aachen.

You can also send your application via email to dekan@fb4.rwth-aachen.de. Please note, however, that communication via unencrypted e-mail 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 https://www.rwth-aachen.de/gdpr-information.

The deadline for applications is 03.07.2020.

This position is also available as part-time employment 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 (W3)
in Model-based Development of Stationary Power Units
Faculty of Mechanical Engineering

We are seeking qualified applicants for teaching and research in the area of Model Based Drive Systems Engineering. The starting date is as soon as possible. Digitization, individualization, time to market and competitive costs are requirements for future drive systems that can no longer be met by the established stage gate development processes. Model based development methods (MBSE) are considered as an alternative, but require a fundamental research into model structures and methods for agile and partially automated use of system models on the way to product development process of the future.

A doctoral degree is required; additionally, Habilitation (post-doctoral lecturing qualification), an exemplary record of research achievement as an assistant/an associate/a junior professor or university researcher and/or an outstanding career outside academia are highly desirable. Ability in and commitment to teaching are essential. The application should include supporting documents regarding success in teaching. German is not necessary to begin but will be expected as a teaching language within the first 5 years.

Experience with teaching in areas like Simulation Methods for students of mechanical engineering is an advantage. Excellent international visibility, strong publication record, and good track record in acquisition of external funding, esp. for basic research, is expected. Please submit your application in English and include a teaching and research concept.