

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](mailto: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.

The deadline for applications is 28.02.2020.

This position is also available as part-time employment per request.

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 Technical Thermodynamics Faculty of Mechanical Engineering**

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We are seeking qualified applicants for teaching and research in the area of technical thermodynamics. The starting date is as soon as possible. The development of experimental and computational methods in thermodynamics shall remain the focus of the laboratory. A strong collaboration with laboratories in energy and chemical engineering is expected, in particular within multi-PI projects addressing technical societal challenges, e.g., the research cluster Fuel Science Center (DFG Excellence Strategy). Demonstrated competence in both experimental techniques and modeling is desired. Previous experience in interdisciplinary projects is assumed, both as co-investigator and as principal investigator. The successful candidate will teach, among other classes, Thermodynamics I & II, which are core classes in the mechanical engineering BSc. Thus, she or he shall have the ability to competently teach large classes and to excite the mechanical engineering students about the complex challenges of energy and process engineering.

A Ph.D. 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.