RWT H 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) in Business Process Management Foundations and Engineering
Faculty of Mathematics, Computer Science and Natural Sciences

This is a professorship appointment for a five year term with a tenure track career path towards a permanent W2 professorship. For further information about the tenure track process, please visit www.rwth-aachen.de/tenuretrack.

We are seeking qualified applicants for teaching and research in the area of Business Process Management Foundations and Engineering. The starting date is flexible, but ideally in the first half of 2021. The applicant should further strengthen RWTH Aachen University's research and teaching portfolio by contributing methods, techniques, and tools to support the design, enactment, management and analysis of operational business processes. The new research group will collaborate with the Process and Data Science (PADS) group led by Prof. van der Aalst and complements the existing research strengths. The applicant is expected to work on the interface between BPM Foundations and BPM Engineering. Possible topics include computational theories, algorithms, semantics, and methods for modeling and analyzing business processes, process analytics, BPM systems, analysis tools, and empirical research (e.g. analysis of large data sets and the scalability of BPM solutions). The applicant could, for example, focus on specific areas in process mining (e.g. process discovery, conformance checking, predictive analytics), but it is also possible to focus on BPM systems, model-based analysis (verification, performance analysis, simulation, etc.), or other topics on the interface between BPM Foundations and BPM Engineering.

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.

The applicant is expected to cooperate with other groups within the department and to further strengthen the successful interdisciplinary cooperation between Computer Science and other departments of the faculty and RWTH. Teaching requirements include contributions to all degree courses offered by the department and to elective application-oriented courses. Participation in academic self administration is expected.