Please send a cover letter stating research aims and a CV to: Dekan der Fakultät für Mathematik, Informatik und Naturwissenschaften der RWTH Aachen University, Prof. Honerkamp, 52056 Aachen.

In addition, please complete the questionnaire, accessible at www.fb1.rwth-aachen.de/jobs.

You can also send your application via email to application@fb1.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 20 May 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.

Junior Professor (W1, tenure track) in Data Stream Management and Analytics
Faculty of Mathematics, Computer Science and Natural Sciences

This is a junior professorship appointment with a tenure track career path towards a W2 professorship. 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. 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 data science and engineering, focussing on data streams. The starting date is at the earliest possible date.

In order to strengthen our activities in the cluster of excellence “Internet of Production”, a scientific base for the performant and flexible integration, management and analysis of heterogeneous data streams is to be built. The scope can reach from the sensor data level up to the exchange of condensed data streams and their quality controlled storage in data lakes. Innovative concepts shall enable new forms of industrial cooperation in the production sector. The junior professor should therefore be qualified in ideally several of the following fields:

- data management in cyberphysical systems /the Industrial Internet of Things
- real-time indexing and data stream analytics on the fly
- sensor data fusion, data stream quality
- integration of heterogeneous data streams
- data lakes.

We expect strong involvement in the interdisciplinary cluster “Internet of Production”; therefore, experience in interdisciplinary cooperation with engineering applications of computer science, and/or with social sciences is highly relevant. Interest in further cooperations with other groups e.g. in natural sciences, in the RWTH profile areas ICT or Production Engineering is desired, as is participation in academic self administration.

You should have a completed university degree and a special aptitude for scientific work which is generally verified by means of an outstanding doctorate. 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 5 years.