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. Dr. 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.

Full Professor (W2) in Computational Biotechnology
Faculty of Mathematics, Computer Science and Natural Sciences

We are seeking qualified applicants for teaching and research in the area of Computational Biotechnology. The starting date is summer semester 2021. The professorship is in the area of biotechnology within the department of biology. The position should strengthen the research foci in medical life sciences and the biological transformation of material science and production. Being able to master the heterogeneity of (bio-) material surfaces is a key prerequisite to generate biobased and biofunctionalized materials with tailored properties. The latter also requires novel production technologies. Therefore, an excellent expertise in the development and use of mathematical models and computer aided simulation techniques is required to predict and redesign biological molecules for their functional integration in materials and their use in complex as well as application-defined environments. Experience with e.g. QM/MM, atomic and mesoscopic simulations, as well as tapping into public databases is advantageous. The candidate will participate in the teaching of B.Sc. and M.Sc. programs in biology, biotechnology and computational life science. Collaboration or participation in existing activities, such as the collaborative research center "Microgels", the Bioeconomy Science Center (BioSC) and RWTH Innovation Valley activities is expected. In addition, collaborations within the RTWH, with the DWI-Leibniz Institute, the Fraunhofer Institute IME, and the FZ Jülich are desired. Participation in academic self administration is expected.

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.

Excellent publications in internationally renowned journals and convincing grant revenues are expected.