Thinking the Future
Zukunft denken

RWTH AACHEN UNIVERSITY

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 Computational Life Science

Faculty of Mathematics, Computer Science and Natural Sciences

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We are seeking qualified applicants for teaching and research in the area of Computational Life Science. The starting date is 01 April 2021.
The new position has been created to substantially strengthen interdisciplinary life science research, particularly in collaboration with the Medical Faculty and the Forschungszentrum Jülich. The ideal candidate is a leading expert in simulation and modeling of biologically, ecologically, and biomedically relevant signal transduction processes and cascades. We expect iterative development of quantitative/mechanistic concepts in collaboration with experimentalists. Close interaction with / participation in local research foci and consortia within the biology department (e.g. Neurobiology (RTG 2416), Integrated BioEconomy (BioSC)) and the medical faculty (e.g. Translational Neuroscience (IRTG 2150), Mechanobiology (RTG 2415), Organ Crosstalk (CRC 1382)) is particularly desireable. Contribution to the university's profile areas (Medical Science & Technology (MedST) and/or Molecular Science & Engineering (MSE)) is expected.
Teaching responsibilities include theoretical and practical training within B.Sc./M.Sc. programs in both Biology and Molecular Biotechnology as well as in teacher's education. The successful candidate will help establish and run a new B.Sc./M.Sc. program in Computational Life Science. 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.

Please send a cover letter stating research aims and a CV to: **Dekan der Fakultät für Mathematik, Informatik und Naturwissenschafaten der RWTH Aachen University, Prof. Dr. Simon, 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.

The deadline for applications is 15 April 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.