

Please send a cover letter stating research aims and a CV to:
Dekan der Fakultät für Elektrotechnik und Informationstechnik der RWTH Aachen University, Prof. Dr.-Ing. Jens-Rainer Ohm, 52056 Aachen.

You can also send your application via email to dekan@fb6.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 July 31st, 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, tenure track) in Bio Communication and Information Processing

Faculty of Electrical Engineering and
Information Technology

This is a professorship appointment for a five year term with a tenure track career path towards a permanent W3 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 biological communication and information processing. The starting date is as soon as possible. Recognized expertise in one or more of the following areas is expected:

- Estimation theory and signal processing for biological systems
- Modelling of intracellular information processing, communication and control
- EE/IT contributions to systems biology and synthetic biology
- Instrumentation and signal processing for cellular and neural interfaces

We expect the willingness to actively cooperate with colleagues working in the areas of biochemical and bioelectronic sensors as well as biohybrid micro- and nanosystems, with professors of the competence field "Biomedical Engineering", as well as with the Departments of Biology, Computer Science and Medicine. Furthermore, we expect active participation in the RWTH Center for Computational Life Science. Further, for this position we envision active cooperation with the FZ Jülich, e.g. with the Institute of Complex Systems (ICS).

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.

We expect active contributions to basic teaching on signal and information processing as well to our specialization areas communications engineering and biomedical engineering.