

Please send a cover letter stating research aims and a CV to:
**Dekan der Fakultät für
Georessourcen und
Materialtechnik der RWTH
Aachen University, Univ.-
Prof. Peter Kukla, Ph. D.,
52056 Aachen.**

In addition, please complete the application's questionnaire that can be found under
<https://www.fb5.rwth-aachen.de/Appointment>

You can also send your application via email to dekanat@fb5.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 31st of January 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.

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 Crystallography

Faculty of Georesources and Materials
Engineering

We are seeking qualified applicants for teaching and research in the area of Crystallography. The starting date is 1st of August 2020 or winter term 2020/21.

The expected research profile comprises, as the main methodical focus, development and application of scattering methods for structure research, preferably performed at large scale facilities (neutrons, synchrotron-radiation). Expertise in structure research by diffraction methods, including Crystallography, is required. The applicant should also cover a topical field of materials-oriented Geoscience or materials science (e.g. energy materials). The institute currently operates, together with the Jülich Centre for Neutron Science (JCNS), two single crystal diffractometers at the neutron source FRM-II (MLZ Garching). A continuation and possibly extension of these activities would be highly desirable. A clear commitment to participate in the materials-related research activities of the Faculty of Georesources and Materials Engineering in general and of the section of Georessourcen and Geography in particular is expected, as well as the involvement in the RWTH profile areas "Materials Science and Engineering" and "Energy, Chemical and Process Engineering". The willingness to closely cooperate with the other JCNS institutes and with the Institute of Energy and Climate Research (IEK) in Jülich is also required. The ability to lead an institute, readiness to cooperate in large research clusters like the Jülich Aachen Research Alliance (JARA) and a strong commitment to successfully applying for substantial third party funding are a prerequisite. The successful continuation and further development of the teaching activities of the institute in the science- and engineering- programs of the faculty and beyond, the contribution in both basic and advanced courses in crystallography, crystal physics, crystal chemistry and structure research by x-ray and neutron-scattering are also part of the profile requirements.

A Ph.D. 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.