

The German Aerospace Centre (Deutsches Zentrum für Luft- und Raumfahrt e.V., DLR) is the national aeronautics and space research centre of the Federal Republic of Germany. DLR has approximately 7800 employees and its extensive research and development work in aeronautics, space, energy, transport and security is integrated into national and international cooperative ventures. DLR's research portfolio ranges from fundamental research to the development of innovative applications and products of tomorrow.

RWTH Aachen and DLR invite applications for the position of

Full professor (W2) "Ceramic Composite Materials for Aeronautics and Space Applications"

for the faculty of Georesources and Materials Engineering at the RWTH Aachen and

Head of the Research Department "Structural and Functional Ceramics"

for the DLR-Institute for Materials Research at the DLR-site in Cologne.

The successful applicant will be appointed as a University Professor at the RWTH Aachen and at the same time granted leave in order to head the DLR Research Department.

RWTH Aachen and DLR intend to intensify their collaboration with respect to research and teaching in the area of fibre reinforced ceramics and increase the common usage of resources. Hence, we are looking for a personality with excellent scientific qualifications in the area of structural ceramics with a specific focus on ceramic matrix composites capable to represent this topic in the teaching curriculum of the RWTH Aachen. Lectures in the amount of two hours per week and excellent teaching and didactic qualifications are expected. The application documents must therefore include a list of successfully taught courses. Habilitation or equivalent scientific experience in the area of structural ceramics, especially ceramic composite materials, is expected.

At the DLR-Institute for Materials Research the successful applicant assumes responsibility for the scientific direction, organization, economic success and the personnel of the department "Structural and Functional Ceramics". Together with more than 15 scientists and technicians he/she further develops the research focus of the department in line with the strategy of the DLR and the institute. The scientific topics include material development and synthesis, characterization of materials, simulation of component and damage behaviour and the development of processes to manufacture prototype components for rig tests. Apart from technical and scientific skills applicants are expected to have a formal education and proven track record in leadership and management of scientific and technical employees. In addition to its scientific excellence the institute is striving to intensify the transfer of the research results into industrial products. The successful candidate is therefore expected to have a proven track record of successfully acquiring and executing collaborations with partners from industry and academia and to have access to an extensive network of partners relevant for our research topics. Ideally he/she has industrial working experience in Germany as well as abroad.

Please send your application to: Prof. Dr. Heinz Voggenreiter, Institut für Werkstoff-Forschung, Linder Höhe, 51147 Köln, Germany. Deadline for applications: April 17, 2015.

The RWTH Aachen and the DLR particularly welcome and encourage applications from women, disabled persons and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen and the DLR. The principles of fair and open competition apply and appointments will be made on merit.