The Institute of Aerospace Engineering at the Faculty of Mechanical Science and Engineering seeks to fill the

Chair (W3) of Aircraft Engineering

from 01 April 2019.

We are looking for a candidate with an internationally recognized research record in a discipline related to aircraft engineering. Areas of interest include but are not limited to conceptual design of advanced electrically driven aircraft, multidisciplinary optimization of damage tolerant and crash resistant airframes, morphing structures or aeroelasticity. The successful candidate is expected to establish research projects in the relevant areas, contributing to enhance the faculty research cluster "Innovative Aerospace Systems". This involves the interdisciplinary cooperation within the faculty, within the university, as well as with non-academic research institutions and industrial companies. Furthermore, the active participation in national and international research networks is required. Both theoretical as well as experimental research is expected. Candidates should also be committed to excellence in teaching which includes the development of innovative concepts within the mechanical engineering study programme and its aerospace engineering curriculum. Particularly, they must have the ability to teach effectively undergraduate and graduate courses in topics related to aircraft engineering such as conceptual aircraft design, airframe design, airplane systems and aeroelasticity. In addition, teaching in complementary study programmes such as mechatronics or transport engineering shall be offered if necessary. The skills for conducting lectures in the English language are required. The duties include participation in academic selfadministration.

Appropriate teaching experience is required. Applicants should be internationally recognised in at least one of the above-mentioned research areas and also have experience in practical applications, in the acquisition of third-party funding, and in the management of research projects as well as possess personnel leadership skills.

Applicants must fulfil the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (Higher Education Act of the Free State of Saxony – SächsHSFG). TU Dresden represents a teaching and research concept, in which the relocation of the place of residence to or near Dresden is desired.

For further scientific information please call phone +49 351 463 32786.

TU Dresden seeks to employ more female professors. Hence we particularly encourage women to apply. Applications from disabled candidates or those with additional support needs are very welcome. The University is a certified family-friendly university and offers a dual career service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Mechanical Science and Engineering (Dr.-Ing. Veneta Schubert, phone +49 351 463 33888) or the Representative of Employees with Disabilities (Mrs. Birgit Kliemann, phone +49 351 463 33175).

Please submit your application, including CV, description of your scientific career, copies of the most important publications, a list of your scientific work, and a list of courses taught, results of evaluations of the last three years (if available) as well as a certified copy of your highest academic degree as hard copy to TU Dresden, Dekan der Fakultät Maschinenwesen, Herrn Prof. Dr.-Ing. habil. Ralph Stelzer, Helmholtzstr. 10, 01069 Dresden, Germany and as
electronic copy via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it to dekanat.mw@tu-dresden.de until 15.06.2018 (stamped arrival date of the university central mail service applies).