As part of the Tenure Track Programme, the **Institute of Vocational Education and Vocational Didactics** at the **Faculty of Education** invites applications for the

**Junior Professorship (W1) in Mechatronics/Vocational Didactics (W2 with tenure track)**

to be filled at the **earliest possible date**.

The successful candidate will initially receive a limited, four-year contract as a temporary public official. If the interim evaluation is positive, the employment contract will be extended to a total of six years. In the fifth year, a tenure evaluation will be carried out by a faculty-wide and school-wide commission. Following a positive evaluation, a permanent Chair (W2) of Mechatronics/Vocational Didactics will be granted without a renewed application process.

Evaluation criteria mutually agreed upon when the position is accepted will form the basis of the evaluation procedures. Essential elements of the evaluations will be the evidence of scientifically supported findings on competence requirements for technical work in different contexts in light of the digitisation of vocational training, research results on correlations or the comparability of certain aspects in different contexts, Development of didactic concepts for the development of relevant competences for school-based vocational education, successful acquisition of cross-curricular projects and research funds, holding a conference on the topic of "Digitisation in Vocational Training" and positively evaluated teaching achievements.

During the temporary Junior Professorship, the candidate must prove that they are capable of fulfilling the research and teaching requirements in the field of Mechatronics/Vocational Education. The candidate will be involved primarily in education degree programmes for secondary school teachers at vocational schools in the disciplines "Electrical and Computer Engineering" and "Metals and Machine Technology". It explicitly addresses people who want to conduct interdisciplinary research in cooperation with the chairs of the Institute of Vocational Education and Vocational Didactics. A cooperation in the Center for Teacher Education and Educational Research of the TU Dresden (ZLSB) is desired. Active participation in academic self-administration and academic committees of the faculty is required.

We are seeking a candidate who is interested in the vocational didactics of mechatronic systems in their structure and functionality, their integration and use in specific work processes and/or in their maintenance. One focus of the Junior Professorship is on digitisation in vocational education regarding mechatronic systems in various professional contexts, including the development and empirical evaluation of digital teaching-learning settings.

Applicants must fulfil the employment qualification requirements of § 63 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). In addition, relevant publications, experience in acquiring and managing third-party-funded projects as well as in international vocational training, including the necessary foreign language skills, must be proven.
TU Dresden supports tenure track professors with a programme specifically tailored to their needs. Mentoring, various coaching sessions, and special continuing education programmes and support offers provide active professional guidance throughout the duration of the temporary Junior Professorship.

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 Education (Mr. Christopher Dietrich +49 351 463 36136) or the Representative of Employees with Disabilities (Ms. Birgit Kliemann +49 351 463-33175).

Please submit your application including CV, description of your scientific career, a list of your scientific papers, a list of lectures and third-party activities, your teaching history (including the results of teaching evaluations), together with a certified copy of your highest academic degree and a self-addressed stamped envelope by 14.06.2018 (stamped arrival date of the university central mail service applies) to TU Dresden, Dekan der Fakultät Erziehungswissenschaften, Herrn Prof. Dr. Friedrich Funke, Helmholtzstr. 10, 01069 Dresden, Germany, and in electronic form via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de sending to dekanat.ew@tu-dresden.de.