Faculty of Mechanical Science and Engineering

The Institute of Machine Elements and Machine Design, Junior Professorship in Industrial Design Engineering offers a position as

Research Associate

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the next possible date. The position is initially limited until 30.06.2020. The period of employment is governed by Fixed Term Research Contracts Act. The position offers the chance to obtain further academic qualification (e.g. PhD).

The research focus at the Junior Professorship is on topics such as experience and user-centred conception and development of industrial product-service systems.

Tasks: Preparation and clarification of scientific questions for product development and design of semi-autonomous machines and interaction in the field of agriculture and construction machinery as well as comparable mobile investment goods; design and development of concepts as well as their significant visual descriptions in digital scenarios. Professional competence in prototype development and their scientific exploitation within research projects is expected.

Requirements: university degree in mechanical engineering or industrial/product design; strong CAD skills (especially surface design); great communicative skills while working in interdisciplinary teams; very good German language and good English language skills. Work experience in the field of mobile machinery and/or human-machine interaction as well as competences in virtual technologies and in qualitative evaluation methods would be an advantage.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please send your application documents until 25.09.2017 (stamped arrival date of the university central mail service applies) to: TU Dresden, Fakultät Maschinenwesen, Institut für Maschinenelemente und Maschinenkonstruktion, Juniorprofessur für Technisches Design, Herrn Jun.-Prof. J. Krzywinski, 01062 Dresden or via e-mail to jens.krzywinski@tu-dresden.de. (Please note: We are currently not able to receive electronically signed and encrypted data.) Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.