Faculty of Mechanical Science and Engineering

At the Institute of Manufacturing Science and Engineering, the Chair of Forming and Machining Processes offers a project position as

**Research Associate (m/f/x)**

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

starting **as soon as possible**. The position is initially limited until July 31, 2024. The period of employment is governed by § 2 (2) Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). An extension is desired, subject to resources being available.

**Tasks:** Technical project management of this research project in cooperation with the participating research partner. The overall objective is the development of a technology to automate the calculation of machining processes by means of discrete simulation models. Experimental investigations and their planning in coordination with the project partner are as much a part of your field of activity as the documentation, publications and presentation of the research results.

**Requirements:**

- university degree (diploma/master's degree) in the field of engineering sciences, preferably in production engineering or simulation and modelling techniques
- a high degree of self-motivation; ability and willingness to familiarize oneself with new topics and methods
- good programming skills in at least one high-level language
- knowledge of discrete modelling and simulation techniques is very advantageous
- very good written and spoken German or English skills
- familiarity with common software and office tools.

A dynamic, international and harmonious research team awaits you. If you would like to re-search the technologies of the day after tomorrow today, we look forward to receiving your application.

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

Please submit your application with the usual documents (motivation letter, CV, certificates) until **September 02, 2022** (stamped arrival date of the university central mail service applies), preferably via the TU Dresden SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single pdf document to [dorothee.kostrowski@tu-dresden.de](mailto:dorothee.kostrowski@tu-dresden.de) or to: TU Dresden, Fakultät Maschinenwesen, Institut für Fertigungstechnik, Professur für Formgebende Fertigungsverfahren, Herrn Prof. Alexander Brosius, Helmholtzstr. 10, 01069 Dresden, Germany. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: [https://tu-dresden.de/karriere/datenschutzhinweis](https://tu-dresden.de/karriere/datenschutzhinweis).