Faculty of Computer Science

The Institute of Software and Multimedia Technology, Chair of Computer Graphics and Visualization invites applications for a

**Research Associate**

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

The position is to be filled on 1*st* of October 2019 and will be offered until 30*th* of September 2021. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification.

**Tasks:** Research focuses on immersive Scientific Visualization within the interdisciplinary Competence Center for Scalable Data Services and Solutions (ScaDS) and the Collaborative Research Center 248 on the Foundations of Perspicuous Software Systems. In close collaboration with the Interactive Media Lab Dresden and with researchers from the material sciences, climate research and the life sciences, new immersive visual analysis methods for trajectory and ensemble data as well as machine learning models are to be researched. This requires intensive interdisciplinary communication with the project partners.

**Requirements:** excellent university degree (Master or equivalent) in the field of Computer Science preferably with a specialization on Visualization or Visual Computing; ability to work independently and target-oriented in a team; high commitment; fluent in English language to write excellent papers and to participate in international conferences; interest in interdisciplinary cooperation with partners. Knowledge in usage and calibration of sensors as well as in the implementation with C++ and of GPUs is of advantage.

**We offer:** a diversified, topical and challenging research position with your own scope for design in an interdisciplinary team of young researchers; participation in conferences for research exchange; excellent contacts to partners from research and industry; independent organization of the research work.

Applications from women are particularly welcome. The same applies to people with disabilities. Applications including CV, a short summary of Master thesis and a statement of research interest should be sent until **10.09.2019** (stamped arrival date of the university central mail service applies) 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 [stefan.gumhold@tu-dresden.de](mailto:stefan.gumhold@tu-dresden.de) or by post to TU Dresden, Fakultät Informatik, Institut für Software- und Multimediotechnik, Professur für Computergraphik und Visualisierung, Herrn Prof. Dr. Stefan Gumhold, 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)