

The Faculty of Computer Science, Chair of Multimedia-Technology, invites applications for one

Research Associate / Ph.D. candidate / Postdoc (f/m/d)

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

within the Transregional Collaborative Research Centre 248 „**Foundations of Perspicuous Software Systems**“ starting as early as possible. The positions are fixed-term to 31st of December 2022, governed by the Fixed-Term Research Contracts Act (WissZeitVG). The positions offer the opportunity for further academic qualification (Ph.D. or habilitation thesis). A part-time employment of 50% full time equivalent is possible.

The Computer Science CRC 248 lays the scientific foundations for the cyber-physical systems of the future, enabling them to explain their functionality and behaviour (so-called *Perspicuous Systems*). We are researching a foundational and applicable theory of explications for all facets of system behaviour, as well as visual and verbal explanation methods for diverse user groups. More information can be found at www.perspicuous-computing.science.

As a member of the Interactive Media Lab Dresden you will be part of a successful team of experienced researchers of diverse backgrounds. You will work in the vibrant scientific environment of the CRC/TR 248 and TU Dresden, one of the leading German research universities. Dresden is a city highly worth living in with a rich cultural life and beautiful nature.

Tasks: As a member of the project teams in projects E1, E4, and C4 of the Collaborative Research Center, you will be conducting research in the area of interactive visualization of models, information flows, and data of cyber-physical systems, for example as collaboratively used, scalable graph visualizations or immersive augmented reality data visualizations. The position is focussed on foundational research. Publication and presentation of research results at international venues is an important part of the work.

Requirements: We are looking for motivated and talented staff members with specific background knowledge or prior experience in interactive information visualization and/or novel human-computer interaction or interactive visual computing. For **Ph.D. candidates**, a very good university degree (M.Sc. or equivalent) in computer science or a related area is required.

Postdocs should have made significant research contributions to one of the above areas. Candidates should be independent in organising their work, keen on working with teams of experts across projects, and fluent in English (oral and written). **Applications from women are particularly welcome.** The same applies to people with disabilities.

Please submit your comprehensive application (including CV and statement of research interest) by **30th of May 2019**, preferably via the TU Dresden SecureMail <https://securemail.tu-dresden.de> by sending it as a single PDF document to Raimund.Dachselt@tu-dresden.de or by mail to: **TU Dresden, Fakultät Informatik, Institut für Softwaretechnik, Professur für Multimedia Technologie, Herrn Prof. Dr. Raimund Dachselt, Helmholtzstr. 10, 01069 Dresden.** Please submit copies only, as your application will not be returned to you.

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