

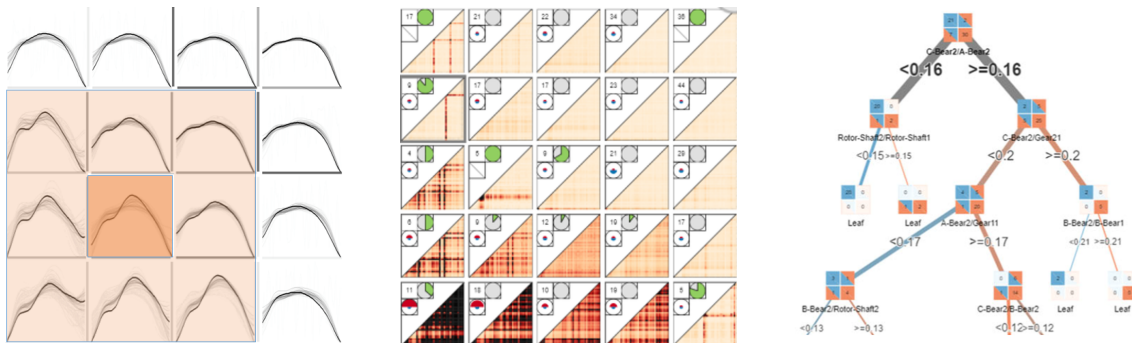
Full-time PhD Position in Visual Analysis of Time-Oriented Data

We are looking for a motivated researcher on the PhD student level for a new three year project at the Institute of Computer Graphics and Knowledge Visualization at Graz University of Technology. Within a new collaborative research project funded by the Austrian Research Promotion Agency FFG, we will research new approaches for interactive visual analysis of time-oriented data. The position is available for three years with the possibility to develop a PhD thesis in Computer Science at TU Graz.

Research Context

Interactive data visualization methods are very helpful to understand, explore, and find patterns in large amounts of data. Recent research has integrated data visualization and data analysis methods to form visual analysis solutions, useful in many areas of application. Recent work has also shown how to effectively guide users through the exploration process, and how the results of data analysis methods can be well explained to users.

In cooperation with partners from research and industry, the project develops novel methods to effectively understand large amounts of time-oriented data, and guide users in selecting appropriate analysis and visualization methods, depending on user background



You will be working with a team on researching, implementing, and evaluating time series visualization and analysis techniques for different applications.

and task. The project offers a rich field of activity for visual analysis research, applied to different domains including industry, health care, and building maintenance.

Applicant Profile

A master degree in computer science, information systems, information science, telematics, mathematics, or related studies is required. One or more of the following skills are desired: Knowledge in information visualization, information retrieval, data bases, interactive systems, or data analysis. Practical skills in programming (e.g., with Web stack front/backend, Java, Python, etc.) are required. Interest to work in a collaborative research environment with project partners in Medicine and Psychology is expected.

Position Details and Working Environment

The position is available for initially three years, starting in May 2023 or later. The opportunity to develop a Ph.D. thesis with the Doctoral School of Computer Science at Graz University of Technology is provided. The full-time gross salary for this position is, depending on the employment level, up to 3.058,60 Euro per month (14 times a year), and includes social insurance.

Our institute offers a creative working atmosphere in a motivated, cooperative, and excellently equipped technical environment. We offer exemplary professional and personal development possibilities. Our institute is part of the Visual Computing research cluster in Graz, providing a leading scientific environment. The city of Graz and its surrounding region offer exceptional quality of living.

How to Apply

Please send your application including a letter of motivation, CV and supporting documents via email to: tobias.schreck@cgv.tugraz.at. Information on our institute is available at <http://www.cgv.tugraz.at/>. Please contact Tobias Schreck for any questions. This position is available until filled.